

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\
 Data File : VD062090.D
 Acq On : 30 Apr 2019 16:33
 Operator : FY/SY
 Sample : K2241-01
 Misc : 5.01µm/5mL/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 01 01:15:37 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	7.02	168	607929	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	953089	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.35	117	793664	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	377663	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.42	65	252307	53.03	ug/l	-0.03
Spiked Amount			Recovery	=	106.06%	
35) Dibromofluoromethane	6.90	113	367884	55.81	ug/l	-0.03
Spiked Amount			Recovery	=	111.62%	
50) Toluene-d8	10.39	98	792345	50.52	ug/l	-0.03
Spiked Amount			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	13.55	95	309218	49.15	ug/l	-0.01
Spiked Amount			Recovery	=	98.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.56	85	15645	2.882	ug/l	94
3) Chloromethane	1.73	50	11607	2.516	ug/l #	88
4) Vinyl Chloride	1.83	62	10436	2.496	ug/l #	87
5) Bromomethane	2.14	94	6281	4.398	ug/l #	83
6) Chloroethane	2.25	64	4066	2.690	ug/l	100
7) Trichlorofluoromethane	2.52	101	15337	2.426	ug/l	93
8) Diethyl Ether	2.85	74	3458	2.041	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	3.13	101	14413	2.475	ug/l	98
10) Methyl Iodide	3.29	142	13044	6.739	ug/l	95
11) Tert butyl alcohol	4.02	59	2714	10.096	ug/l #	76
12) 1,1-Dichloroethene	3.11	96	11973	2.416	ug/l	91
13) Acrolein	3.01	56	3183	11.412	ug/l	89
14) Allyl chloride	3.59	41	15849	2.342	ug/l	88
15) Acrylonitrile	4.17	53	9225	11.082	ug/l	91
16) Acetone	3.19	43	13417	11.810	ug/l	91
17) Carbon Disulfide	3.36	76	36725	2.565	ug/l	98
18) Methyl Acetate	3.62	43	6914	1.247	ug/l #	81
19) Methyl tert-butyl Ether	4.21	73	21723	2.209	ug/l #	84
20) Methylene Chloride	3.79	84	29573	2.305	ug/l	94
21) trans-1,2-Dichloroethene	4.19	96	12831	2.257	ug/l	94
22) Diisopropyl ether	5.08	45	37761	2.390	ug/l	97
23) Vinyl Acetate	5.02	43	88328	10.736	ug/l	97
24) 1,1-Dichloroethane	4.94	63	22075	2.312	ug/l #	85
25) 2-Butanone	6.03	43	16168	11.738	ug/l	100
26) 2,2-Dichloropropane	5.99	77	20075	2.410	ug/l	98
27) cis-1,2-Dichloroethene	6.00	96	15792	2.442	ug/l	95
28) Bromochloromethane	6.40	49	9648	2.641	ug/l	87
29) Tetrahydrofuran	6.43	42	9041	13.321	ug/l	93
30) Chloroform	6.63	83	27185	2.507	ug/l	87
31) Cyclohexane	6.92	56	17740	2.503	ug/l	92
32) 1,1,1-Trichloroethane	6.84	97	24735	2.621	ug/l	98
36) 1,1-Dichloropropene	7.12	75	21584	2.907	ug/l	96
37) Ethyl Acetate	6.14	43	8147	2.575	ug/l #	82
38) Carbon Tetrachloride	7.08	117	23193	2.465	ug/l #	81

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

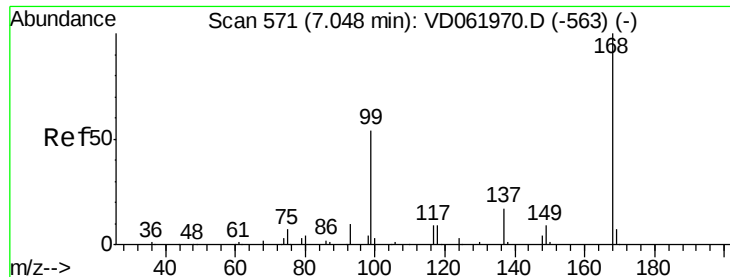
39) Methylcyclohexane	8.84	83	19635	2.680	ug/l #	88
40) Benzene	7.42	78	47726	2.596	ug/l	98
41) Methacrylonitrile	6.41	41	9332	2.528	ug/l #	85
42) 1,2-Dichloroethane	7.55	62	14464	2.317	ug/l	97
43) Isopropyl Acetate	9.21	43	11058	2.392	ug/l	92
44) Trichloroethene	8.51	130	19027	2.670	ug/l	93
45) 1,2-Dichloropropane	8.91	63	11312	2.426	ug/l	94
46) Dibromomethane	9.04	93	8572	2.554	ug/l #	81
47) Bromodichloromethane	9.35	83	17107	2.157	ug/l #	96
48) Methyl methacrylate	9.10	41	6743	2.556	ug/l	89
49) 1,4-Dioxane	9.06	88	1168	41.068	ug/l #	31
51) 4-Methyl-2-Pentanone	10.28	43	37257	13.176	ug/l	90
52) Toluene	10.48	92	31396	2.679	ug/l	99
53) t-1,3-Dichloropropene	10.90	75	14925	2.242	ug/l	94
54) cis-1,3-Dichloropropene	10.01	75	20614	2.547	ug/l #	87
55) 1,1,2-Trichloroethane	11.16	97	9627	2.446	ug/l	94
56) Ethyl methacrylate	11.02	69	10547	2.420	ug/l	98
57) 1,3-Dichloropropane	11.39	76	15203	2.501	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.83	63	28296	13.964	ug/l #	74
59) 2-Hexanone	11.52	43	26987	12.723	ug/l	97
60) Dibromochloromethane	11.66	129	15571	2.391	ug/l	94
61) 1,2-Dibromoethane	11.79	107	12366	2.649	ug/l #	80
64) Tetrachloroethene	11.23	164	15623	2.759	ug/l	96
65) Chlorobenzene	12.38	112	39960	2.664	ug/l	93
66) 1,1,1,2-Tetrachloroethane	12.50	131	14416	2.266	ug/l	92
67) Ethyl Benzene	12.51	91	60499	2.472	ug/l	99
68) m/p-Xylenes	12.65	106	44992	5.085	ug/l	95
69) o-Xylene	13.03	106	21516	2.658	ug/l	88
70) Styrene	13.06	104	34633	2.478	ug/l	91
71) Bromoform	13.22	173	8401	2.316	ug/l	99
73) Isopropylbenzene	13.39	105	63571	2.523	ug/l	99
74) N-amyl acetate	13.25	43	13774	2.123	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.68	83	10838	2.195	ug/l	92
76) 1,2,3-Trichloropropane	13.72	75	11581	2.415	ug/l	98
77) Bromobenzene	13.65	156	18086	2.503	ug/l	87
78) n-propylbenzene	13.76	91	75333	2.612	ug/l	98
79) 2-Chlorotoluene	13.83	91	38553	2.207	ug/l	93
80) 1,3,5-Trimethylbenzene	13.92	105	54228	2.700	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.55	75	118674	81.658	ug/l #	16
82) 4-Chlorotoluene	13.94	91	52647	2.737	ug/l	98
83) tert-Butylbenzene	14.18	119	57317	2.463	ug/l	97
84) 1,2,4-Trimethylbenzene	14.22	105	54614	2.847	ug/l	97
85) sec-Butylbenzene	14.35	105	64428	2.562	ug/l	91
86) p-Isopropyltoluene	14.48	119	60135	2.672	ug/l	97
87) 1,3-Dichlorobenzene	14.44	146	30848	2.437	ug/l	96
88) 1,4-Dichlorobenzene	14.53	146	30014	2.536	ug/l	93
89) n-Butylbenzene	14.79	91	48611	2.406	ug/l	93
90) Hexachloroethane	14.99	117	13594	2.234	ug/l	91
91) 1,2-Dichlorobenzene	14.80	146	24504	2.347	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.37	75	1341	4.379	ug/l	67

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	15035	2.669	ug/l	90
94) Hexachlorobutadiene	16.03	225	10719	2.571	ug/l	97
95) Naphthalene	16.11	128	27002	2.969	ug/l	97
96) 1,2,3-Trichlorobenzene	16.26	180	9327	2.918	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062090.D

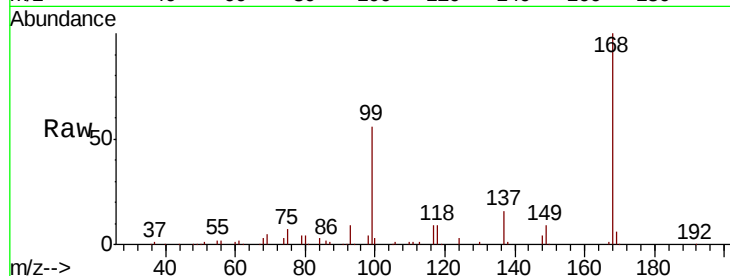
Acq: 30 Apr 2019 16:33

Tot Ion:168 Resp: 607929

Ion Ratio Lower Upper

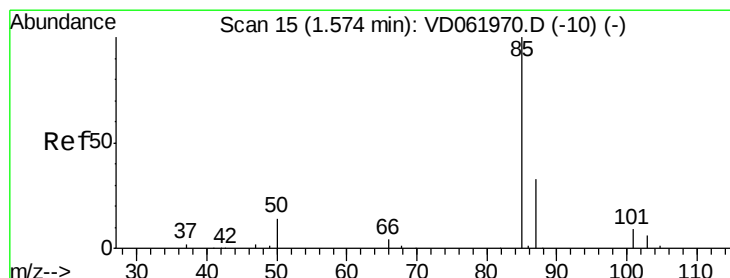
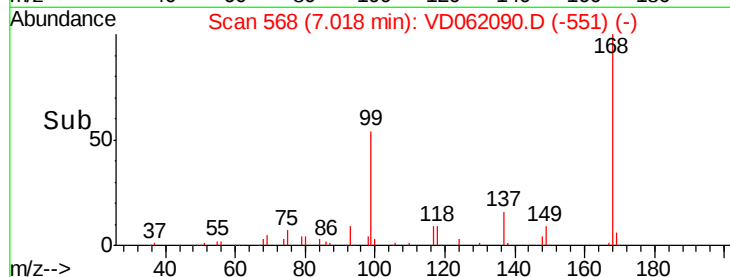
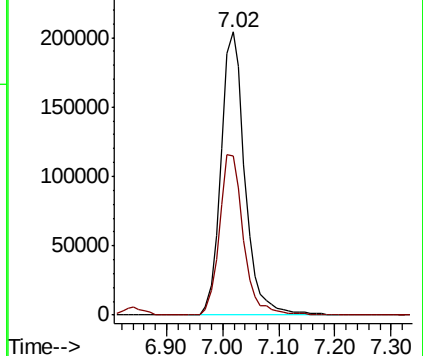
168 100

99 56.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 2.882 ug/l

RT: 1.56 min Scan# 14

Delta R.T. -0.02 min

Lab File: VD062090.D

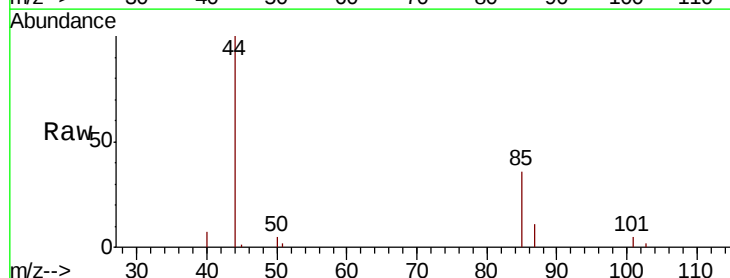
Acq: 30 Apr 2019 16:33

Tgt Ion: 85 Resp: 15645

Ion Ratio Lower Upper

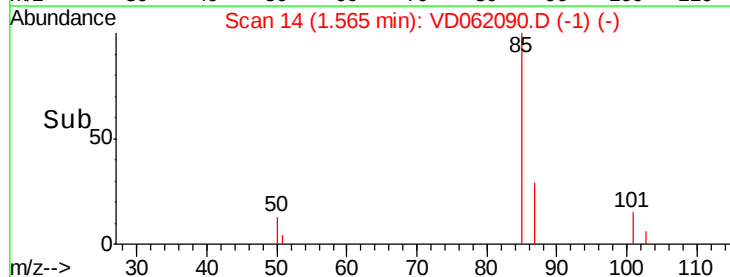
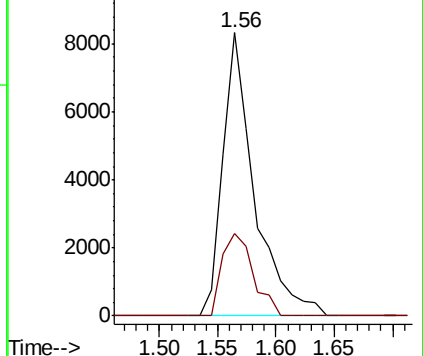
85 100

87 29.3 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

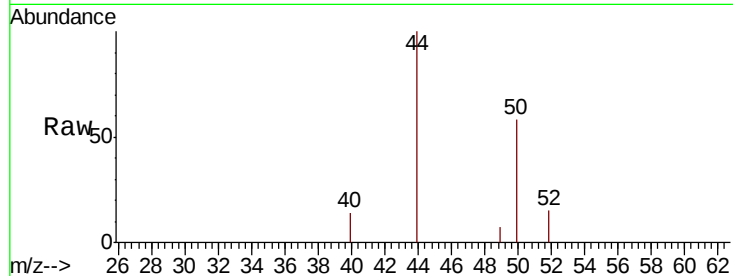
Ion 86.90 (86.60 to 87.60): VDC



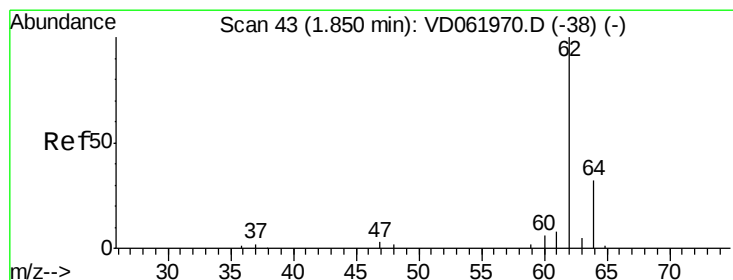
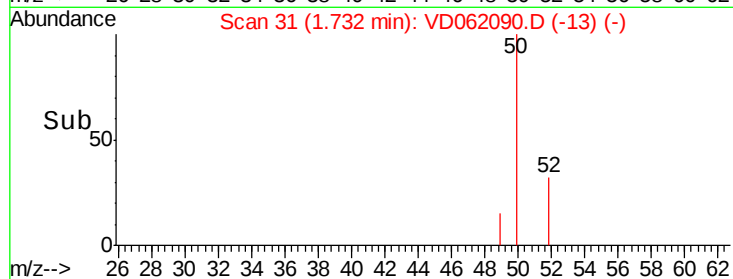
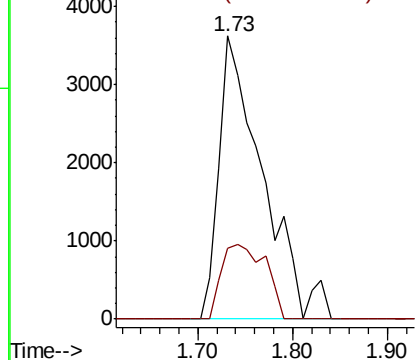


#3
Chloromethane
Concen: 2.516 ug/l
RT: 1.73 min Scan# 31
Delta R.T. -0.02 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tot Ion: 50 Resp: 11607
Ion Ratio Lower Upper
50 100
52 25.1 25.2 37.8#

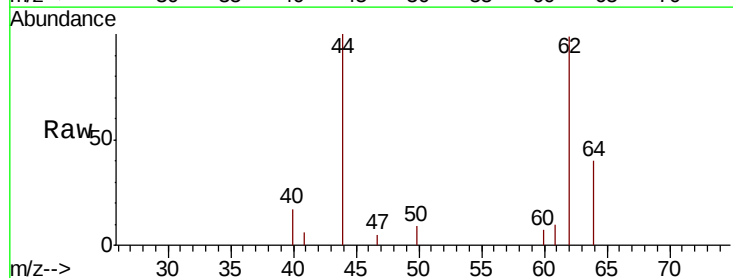


Abundance Ion 49.90 (49.60 to 50.60): VDC
Ion 51.90 (51.60 to 52.60): VDC

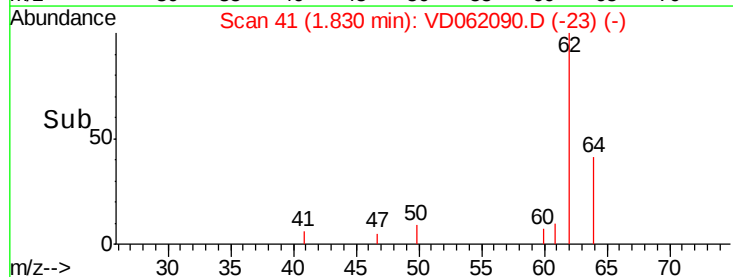
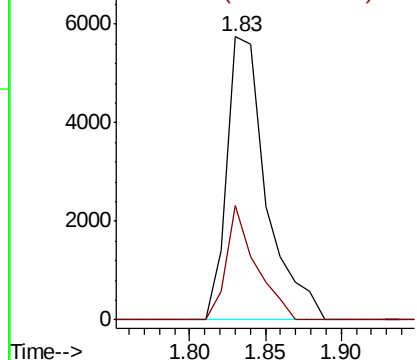


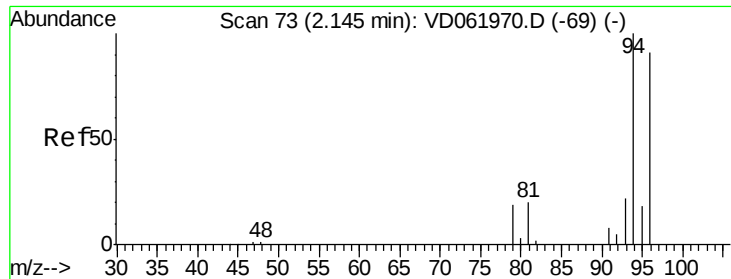
#4
Vinyl Chloride
Concen: 2.496 ug/l
RT: 1.83 min Scan# 41
Delta R.T. -0.02 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tgt Ion: 62 Resp: 10436
Ion Ratio Lower Upper
62 100
64 40.6 26.5 39.7#



Abundance Ion 61.95 (61.65 to 62.65): VDC
Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 4.398 ug/l

RT: 2.14 min Scan# 72

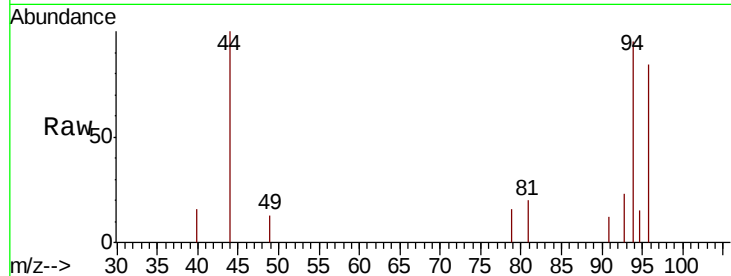
Delta R.T. -0.02 min

Lab File: VD062090.D

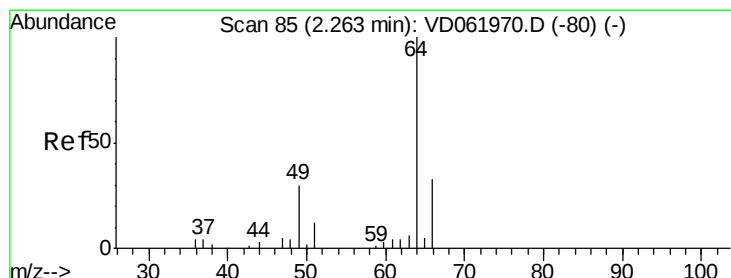
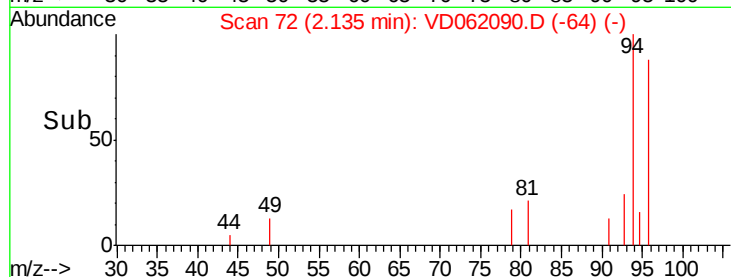
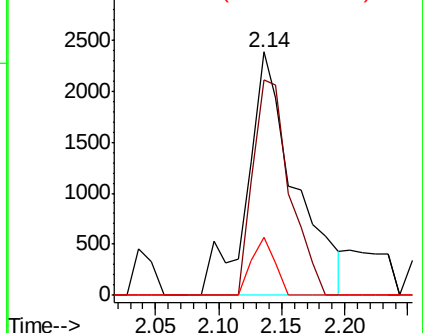
Acq: 30 Apr 2019 16:33

Tot Ion: 94 Resp: 6281

Ion	Ratio	Lower	Upper
94	100		
96	76.5	76.6	115.0#
93	20.7	18.5	27.7



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



#6

Chloroethane

Concen: 2.690 ug/l

RT: 2.25 min Scan# 84

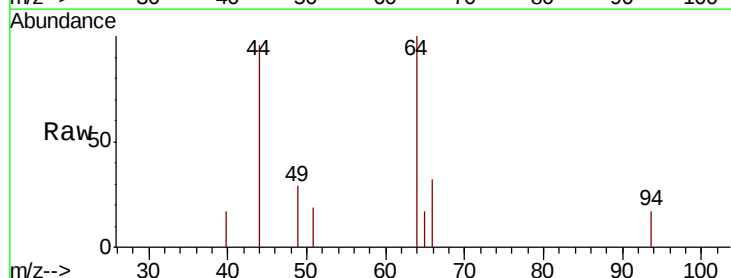
Delta R.T. -0.02 min

Lab File: VD062090.D

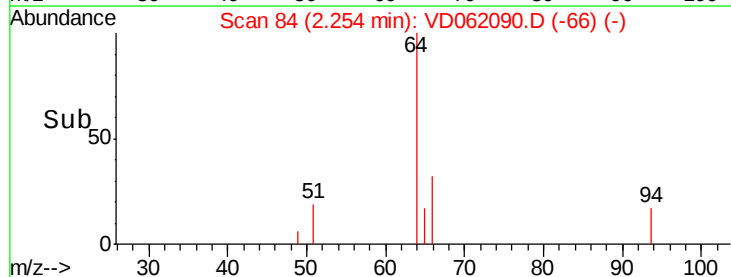
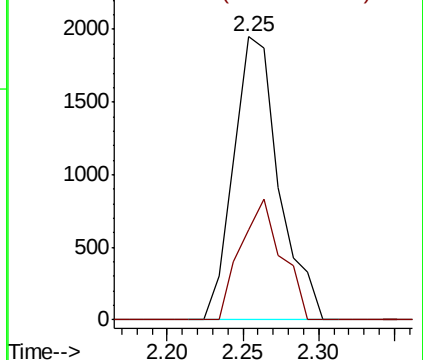
Acq: 30 Apr 2019 16:33

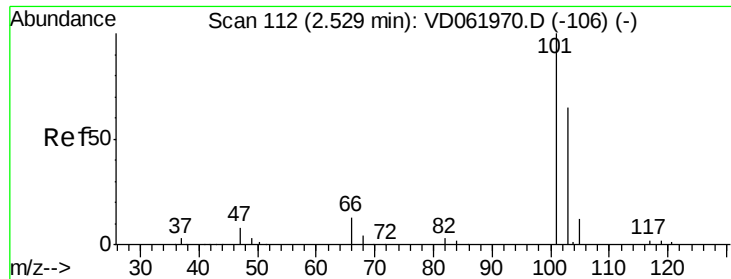
Tgt Ion: 64 Resp: 4066

Ion	Ratio	Lower	Upper
64	100		
66	31.9	25.6	38.4



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

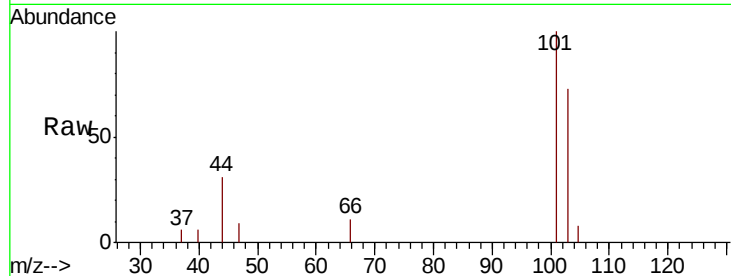




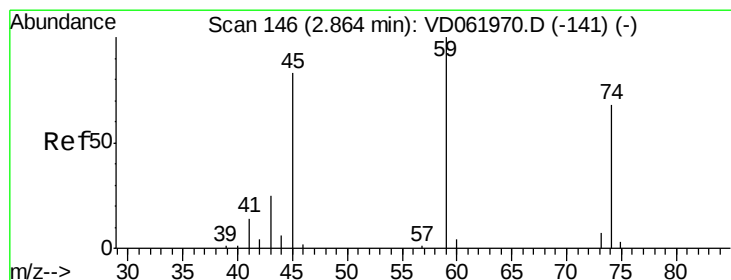
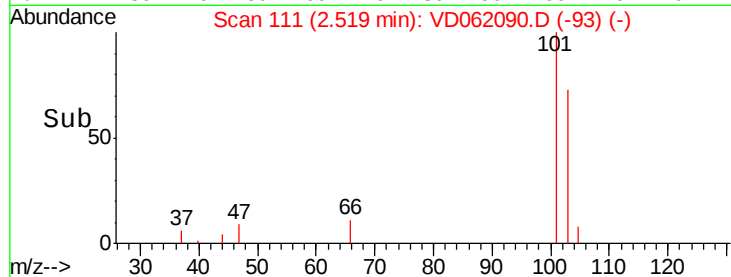
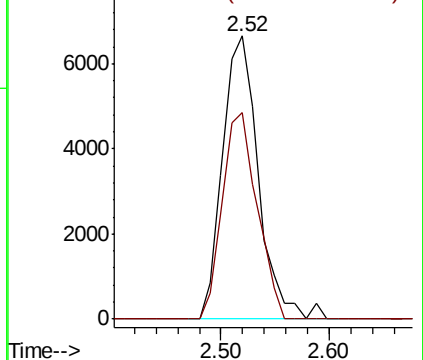
#7

Trichlorofluoromethane
Concen: 2.426 ug/l
RT: 2.52 min Scan# 111
Delta R.T. -0.02 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tot Ion: 101 Resp: 15337
Ion Ratio Lower Upper
101 100
103 72.9 53.6 80.4



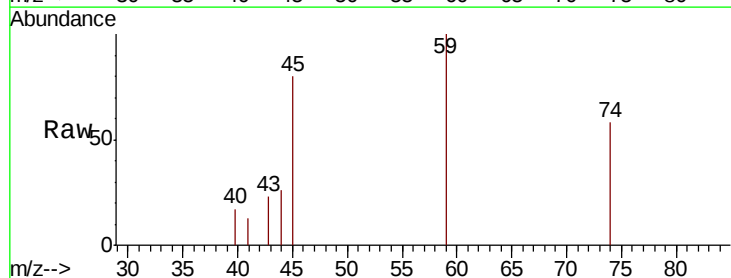
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



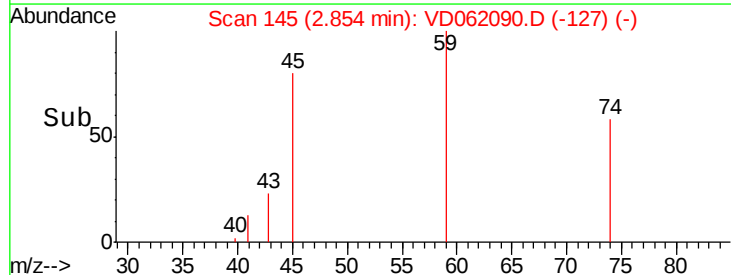
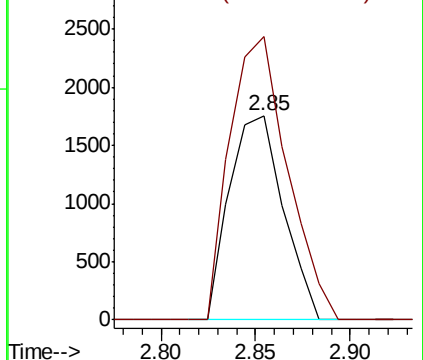
#8

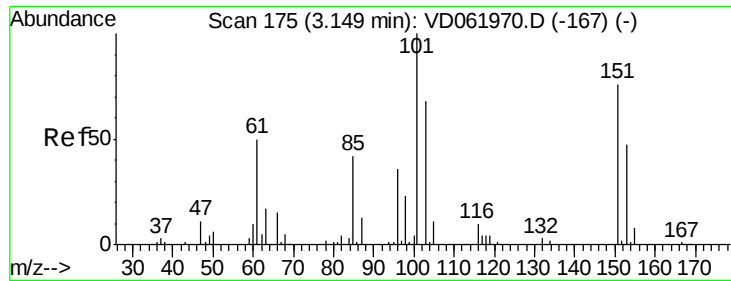
Diethyl Ether
Concen: 2.041 ug/l
RT: 2.85 min Scan# 145
Delta R.T. -0.02 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tgt Ion: 74 Resp: 3458
Ion Ratio Lower Upper
74 100
45 138.5 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: 2.475 ug/l

RT: 3.13 min Scan# 173

Delta R.T. -0.03 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

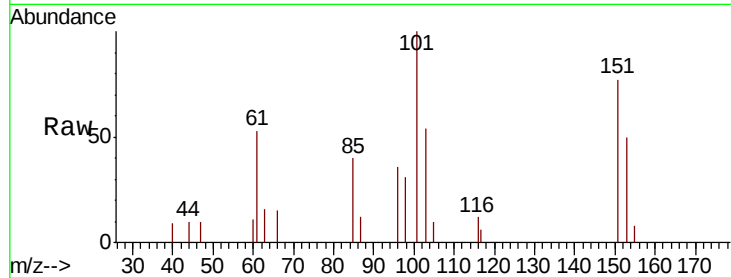
Tot Ion:101 Resp: 14413

Ion Ratio Lower Upper

101 100

85 40.0 32.4 48.6

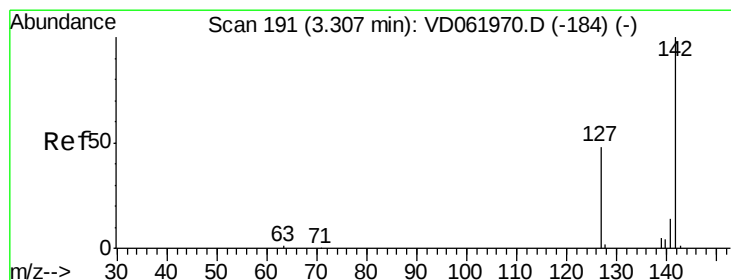
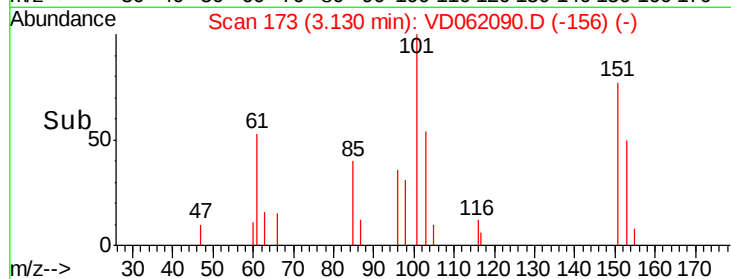
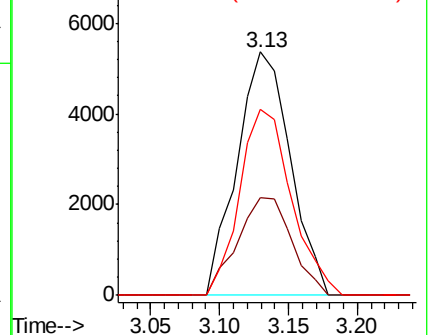
151 76.6 59.4 89.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 6.739 ug/l

RT: 3.29 min Scan# 189

Delta R.T. -0.03 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

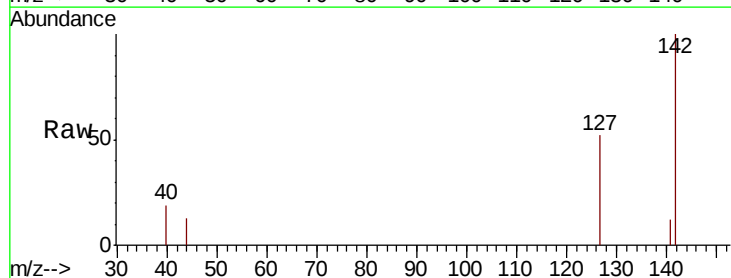
Tgt Ion:142 Resp: 13044

Ion Ratio Lower Upper

142 100

127 52.1 38.8 58.2

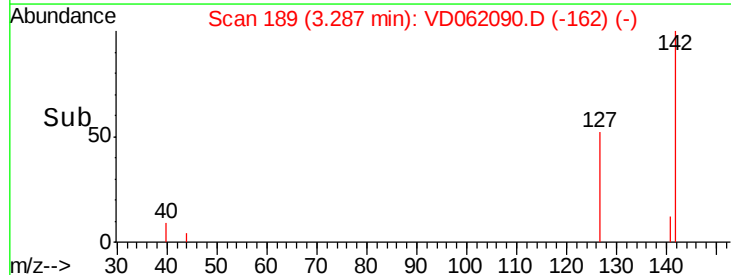
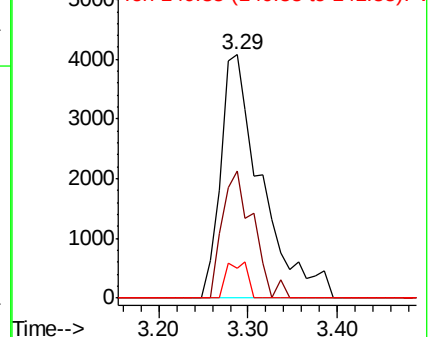
141 12.3 11.4 17.0

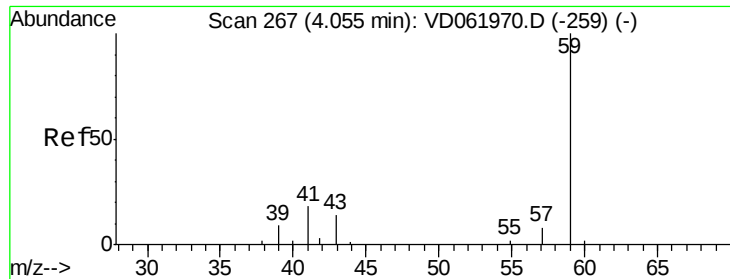


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

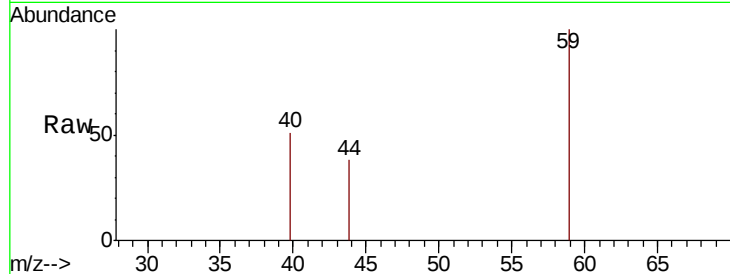




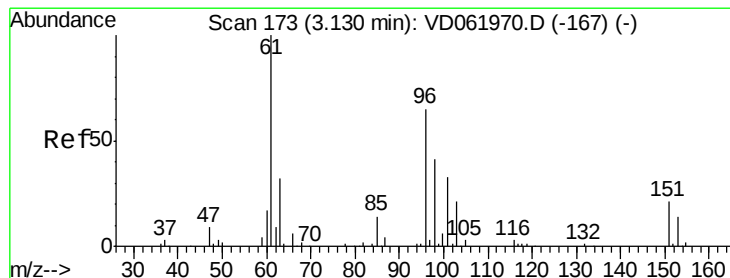
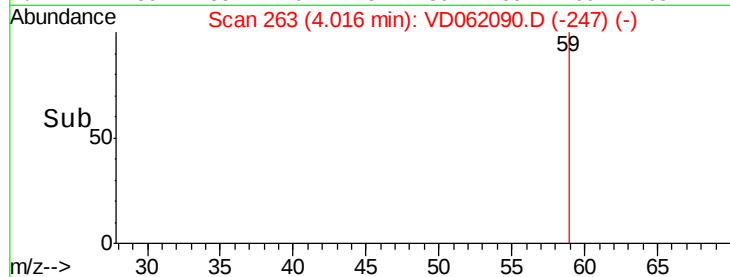
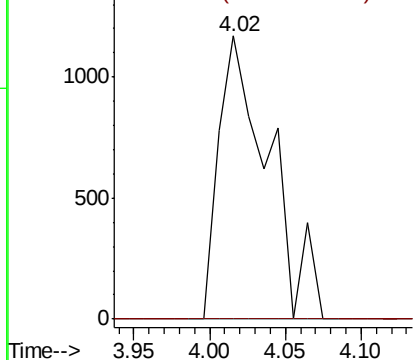
#11

Tert butyl alcohol
 Concen: 10.096 ug/l
 RT: 4.02 min Scan# 263
 Delta R.T. -0.04 min
 Lab File: VD062090.D
 Acq: 30 Apr 2019 16:33

Tot Ion: 59 Resp: 2714
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.9 10.3#



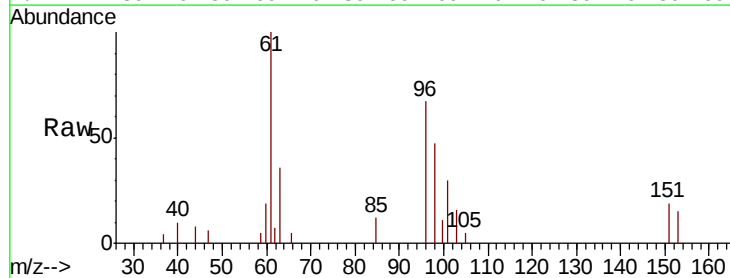
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



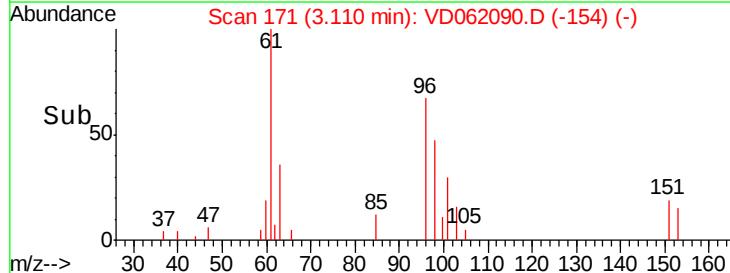
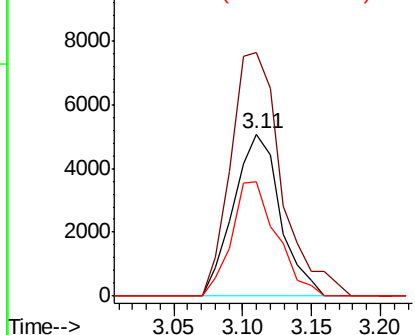
#12

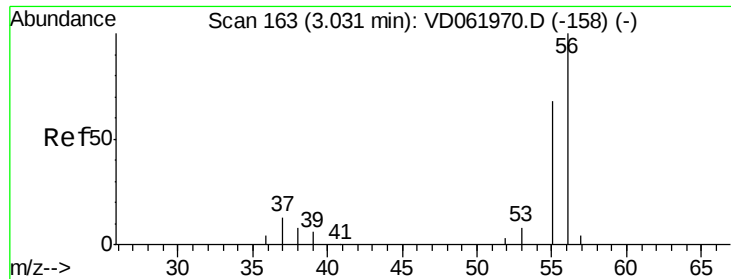
1,1-Dichloroethene
 Concen: 2.416 ug/l
 RT: 3.11 min Scan# 171
 Delta R.T. -0.03 min
 Lab File: VD062090.D
 Acq: 30 Apr 2019 16:33

Tgt Ion: 96 Resp: 11973
 Ion Ratio Lower Upper
 96 100
 61 150.2 129.8 194.8
 98 70.8 51.2 76.8



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





#13

Acrolein

Concen: 11.412 ug/l

RT: 3.01 min Scan# 161

Delta R.T. -0.03 min

Lab File: VD062090.D

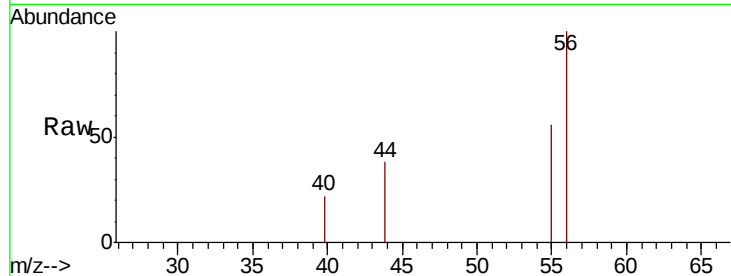
Acq: 30 Apr 2019 16:33

Tot Ion: 56 Resp: 3183

Ion Ratio Lower Upper

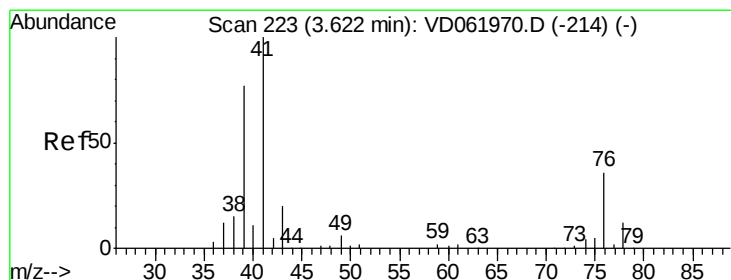
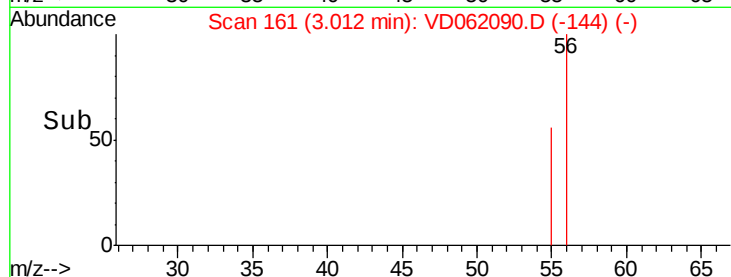
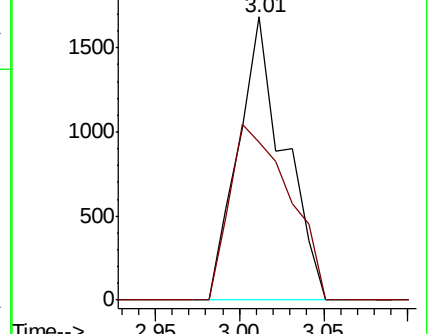
56 100

55 56.0 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: 2.342 ug/l

RT: 3.59 min Scan# 220

Delta R.T. -0.04 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

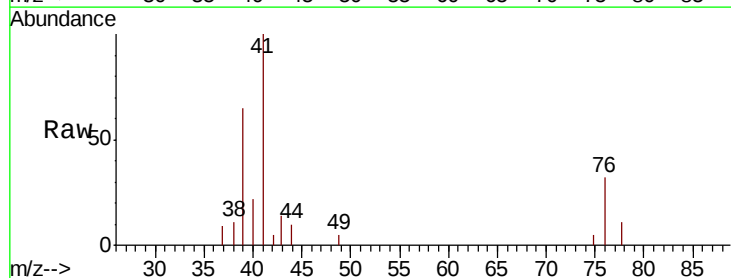
Tgt Ion: 41 Resp: 15849

Ion Ratio Lower Upper

41 100

39 65.4 60.5 90.7

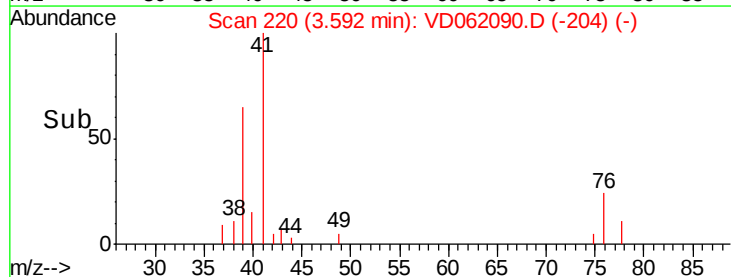
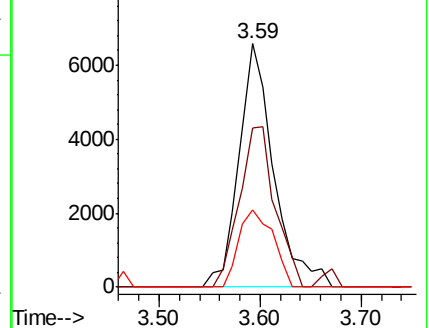
76 31.8 31.8 47.8

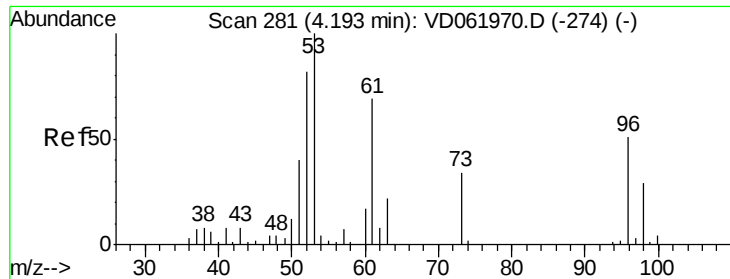


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

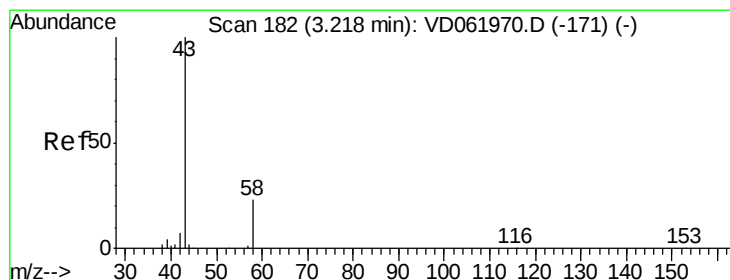
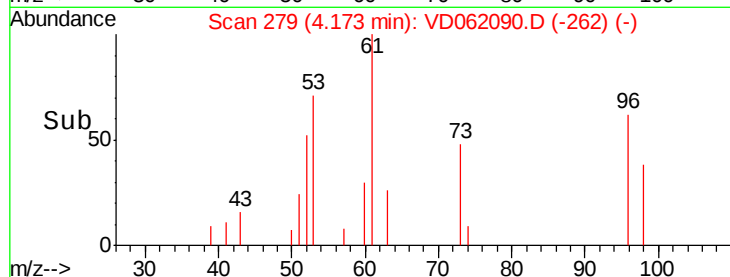
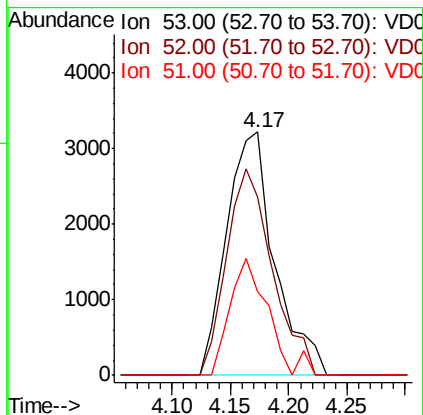
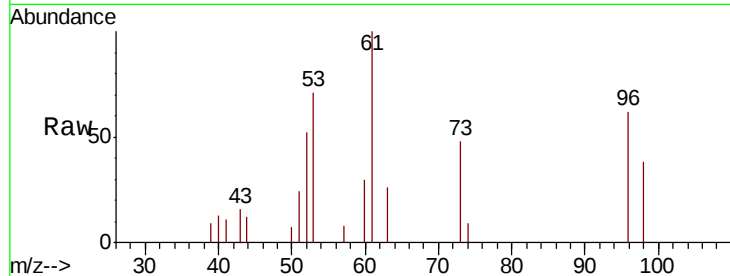
Ion 75.95 (75.65 to 76.65): VDC





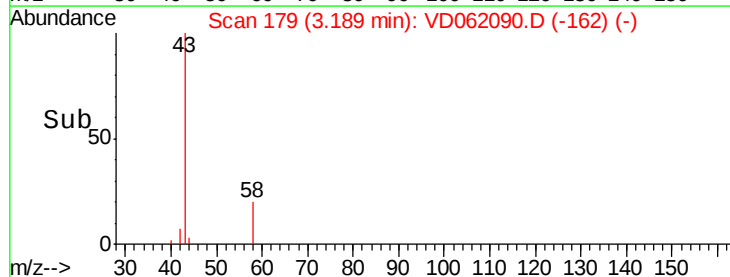
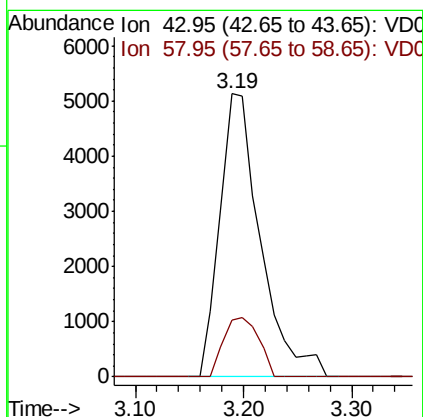
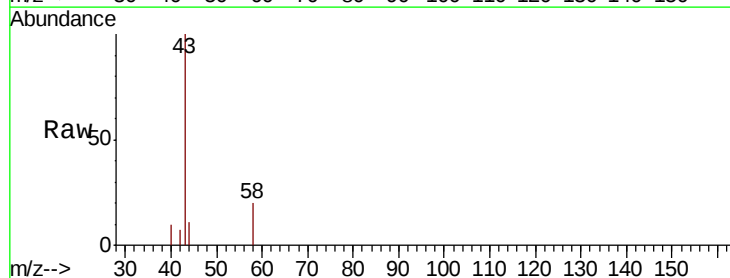
#15
 Acrylonitrile
 Concen: 11.082 ug/l
 RT: 4.17 min Scan# 279
 Delta R.T. -0.03 min
 Lab File: VD062090.D
 Acq: 30 Apr 2019 16:33

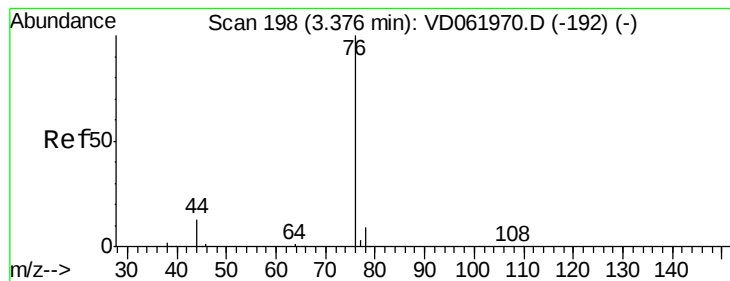
Tot Ion: 53 Resp: 9225
 Ion Ratio Lower Upper
 53 100
 52 73.2 65.0 97.4
 51 34.2 32.6 48.8



#16
 Acetone
 Concen: 11.810 ug/l
 RT: 3.19 min Scan# 179
 Delta R.T. -0.03 min
 Lab File: VD062090.D
 Acq: 30 Apr 2019 16:33

Tgt Ion: 43 Resp: 13417
 Ion Ratio Lower Upper
 43 100
 58 20.2 19.9 29.9





#17

Carbon Disulfide

Concen: 2.565 ug/l

RT: 3.36 min Scan# 196

Delta R.T. -0.03 min

Lab File: VD062090.D

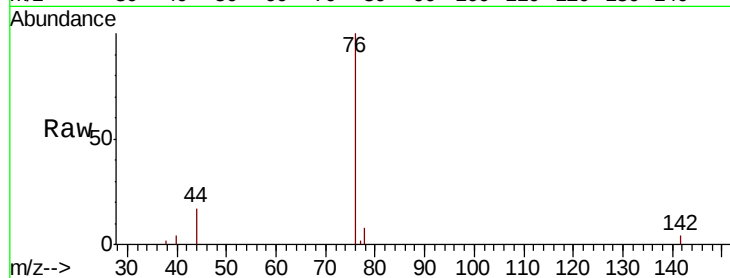
Acq: 30 Apr 2019 16:33

Tot Ion: 76 Resp: 36725

Ion Ratio Lower Upper

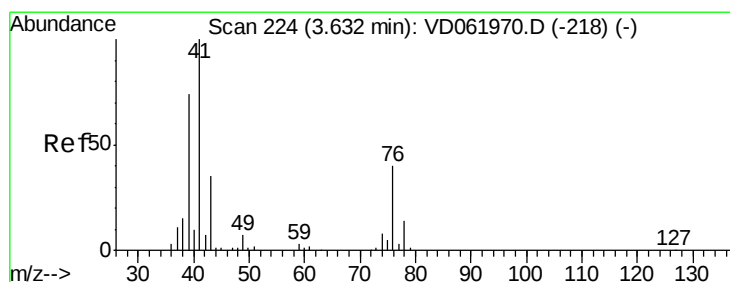
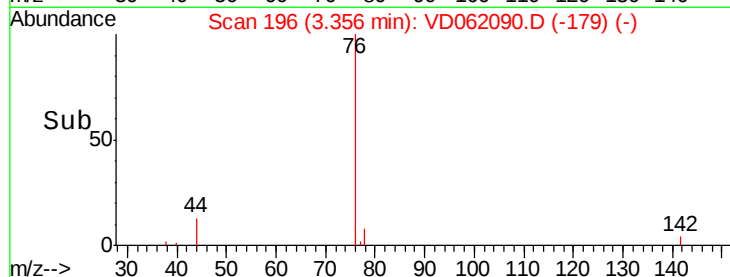
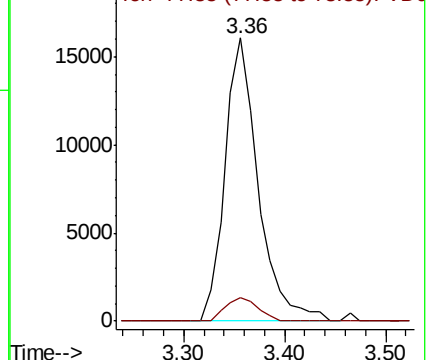
76 100

78 8.1 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: 1.247 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.02 min

Lab File: VD062090.D

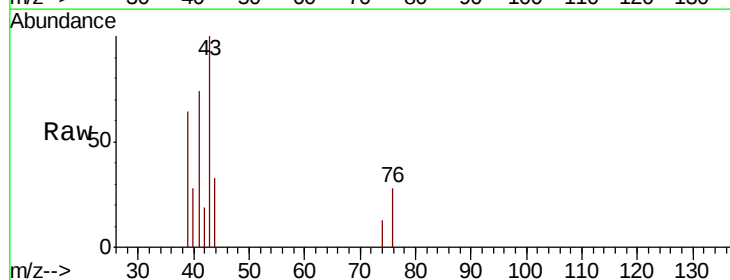
Acq: 30 Apr 2019 16:33

Tgt Ion: 43 Resp: 6914

Ion Ratio Lower Upper

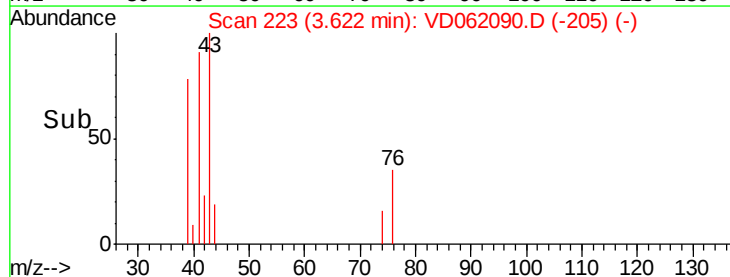
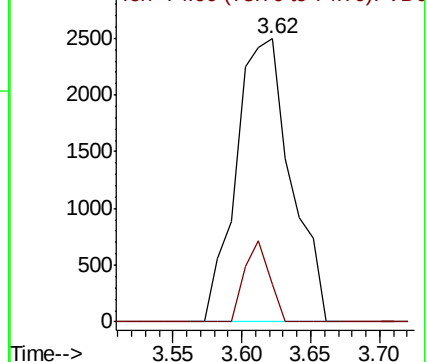
43 100

74 13.5 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

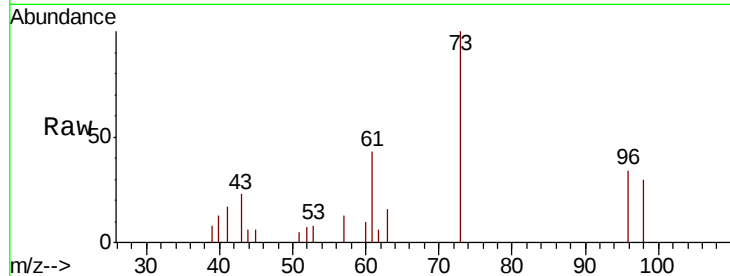
Ion 74.00 (73.70 to 74.70): VDC



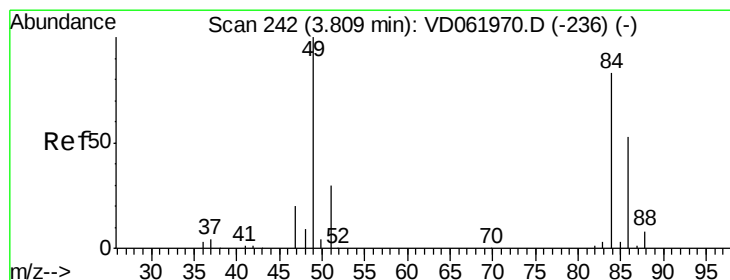
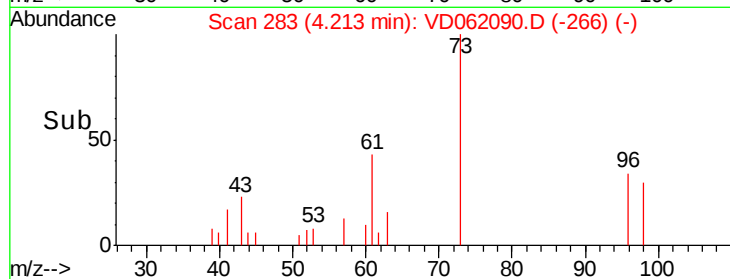
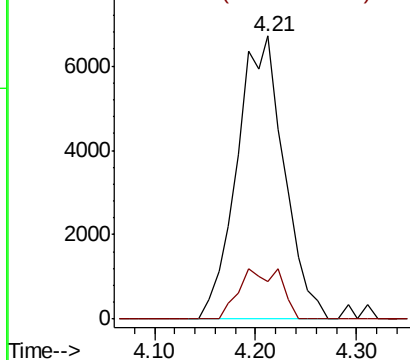


#19
Methvl tert-butvl Ether
Concen: 2.209 ug/l
RT: 4.21 min Scan# 283
Delta R.T. -0.03 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tot Ion: 73 Resp: 21723
Ion Ratio Lower Upper
73 100
57 13.2 16.3 24.5#

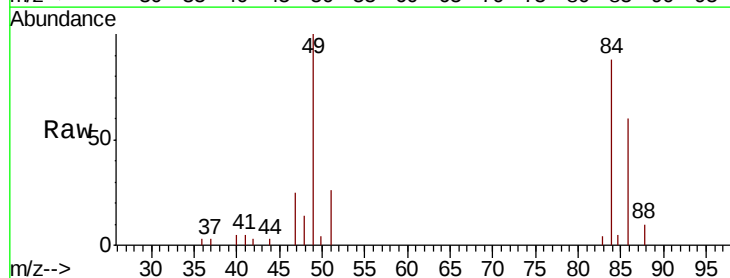


Abundance Ion 73.00 (72.70 to 73.70): VDC
Ion 57.05 (56.75 to 57.75): VDC

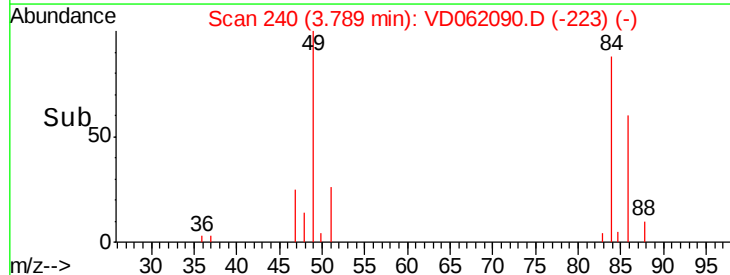
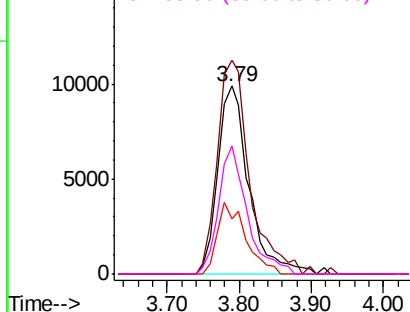


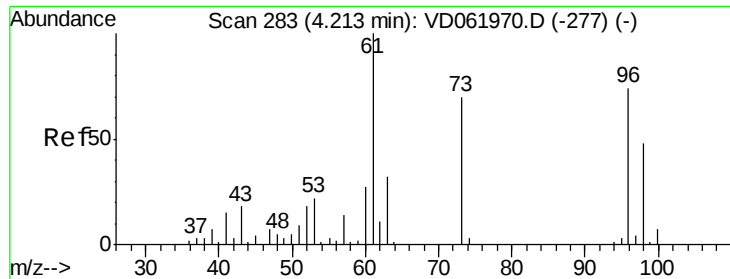
#20
Methylene Chloride
Concen: 2.305 ug/l
RT: 3.79 min Scan# 240
Delta R.T. -0.03 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tgt Ion: 84 Resp: 29573
Ion Ratio Lower Upper
84 100
49 113.6 94.0 141.0
51 29.2 29.0 43.4
86 68.1 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: 2.257 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.03 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

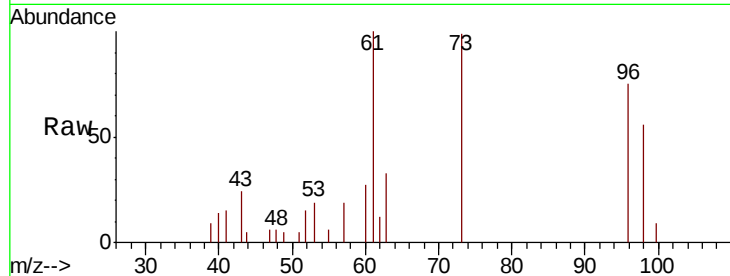
Tot Ion: 96 Resp: 12831

Ion Ratio Lower Upper

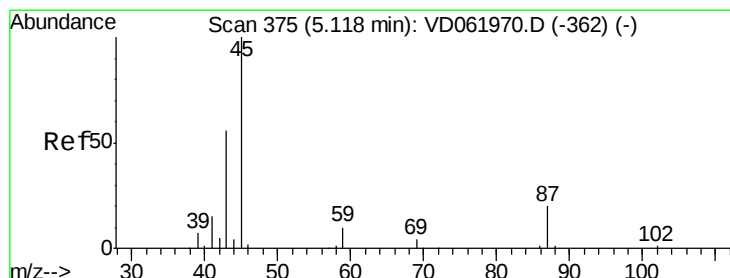
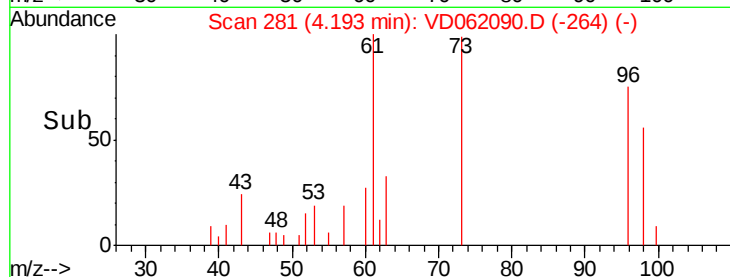
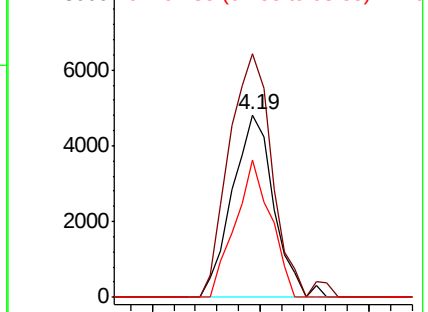
96 100

61 133.5 104.4 156.6

98 75.3 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: 2.390 ug/l

RT: 5.08 min Scan# 371

Delta R.T. -0.04 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

Tgt Ion: 45 Resp: 37761

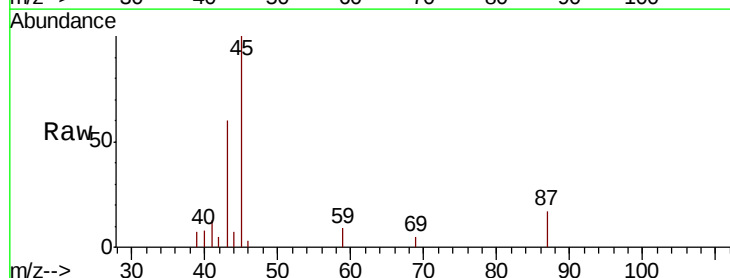
Ion Ratio Lower Upper

45 100

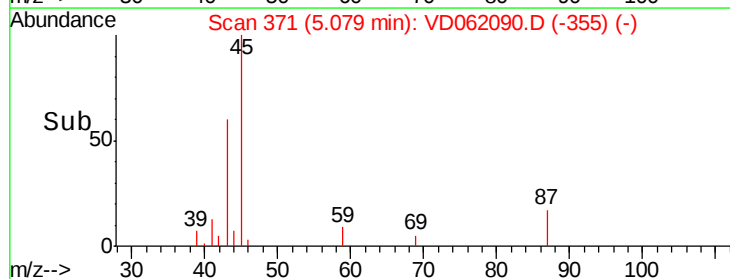
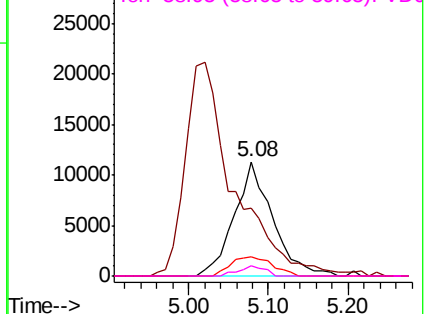
43 59.6 46.2 69.2

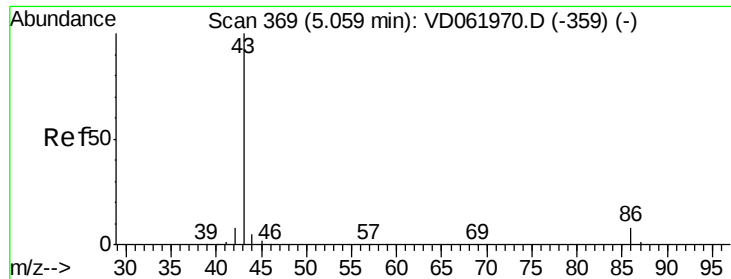
87 17.0 15.9 23.9

59 8.7 7.9 11.9



Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 10.736 ug/l

RT: 5.02 min Scan# 365

Delta R.T. -0.04 min

Lab File: VD062090.D

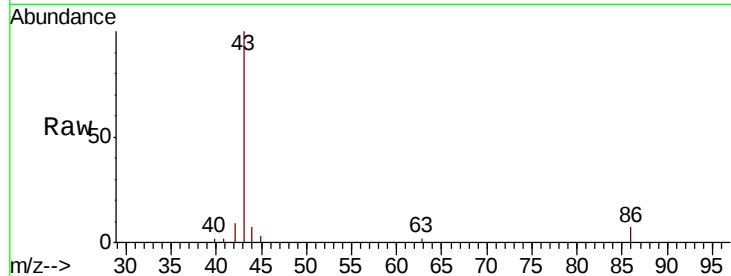
Acq: 30 Apr 2019 16:33

Tot Ion: 43 Resp: 88328

Ion Ratio Lower Upper

43 100

86 7.1 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

5.02

25000

20000

15000

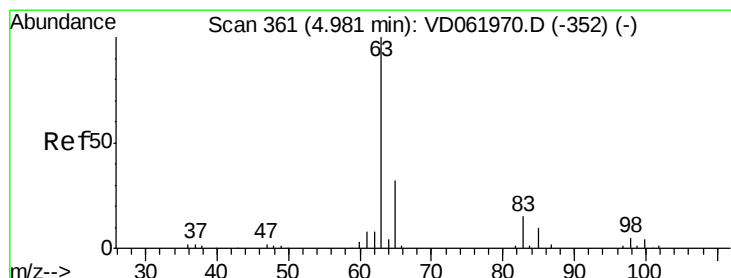
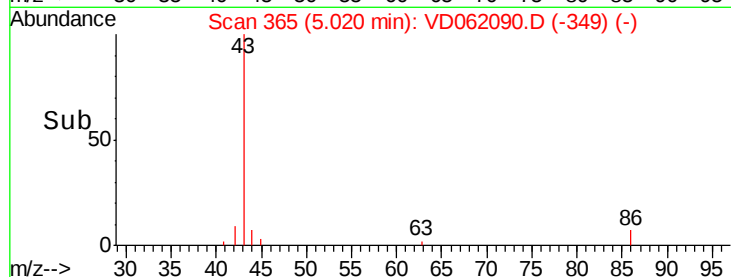
10000

5000

0

4.90 5.00 5.10 5.20

Time-->



#24

1,1-Dichloroethane

Concen: 2.312 ug/l

RT: 4.94 min Scan# 357

Delta R.T. -0.05 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

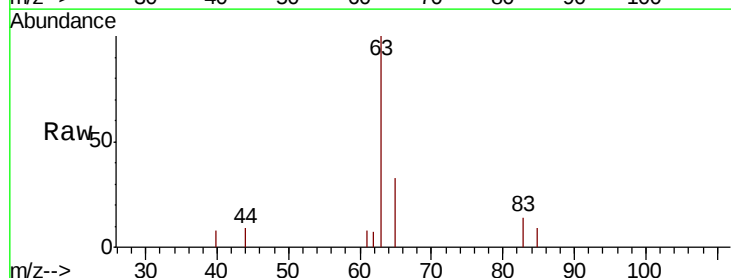
Tgt Ion: 63 Resp: 22075

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

8000

6000

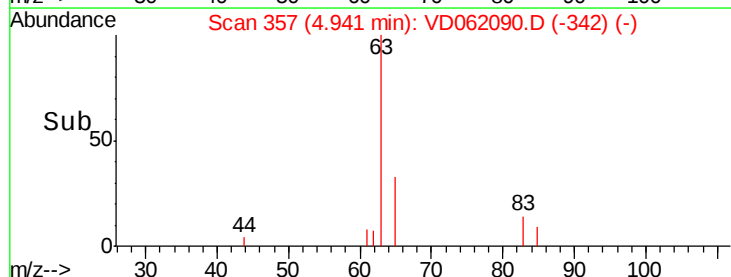
4000

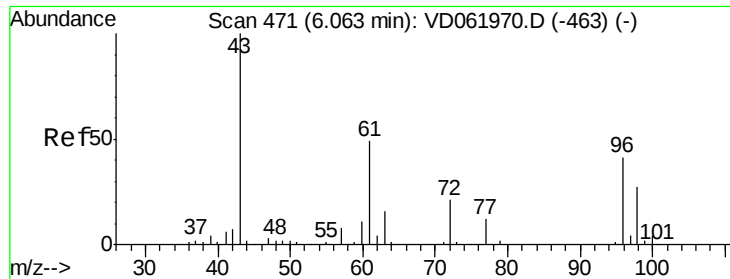
2000

0

4.90 5.00 5.10

Time-->





#25

2-Butanone

Concen: 11.738 ug/l

RT: 6.03 min Scan# 468

Delta R.T. -0.04 min

Lab File: VD062090.D

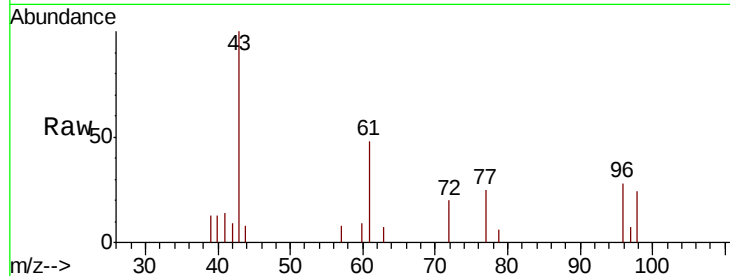
Acq: 30 Apr 2019 16:33

Tot Ion: 43 Resp: 16168

Ion Ratio Lower Upper

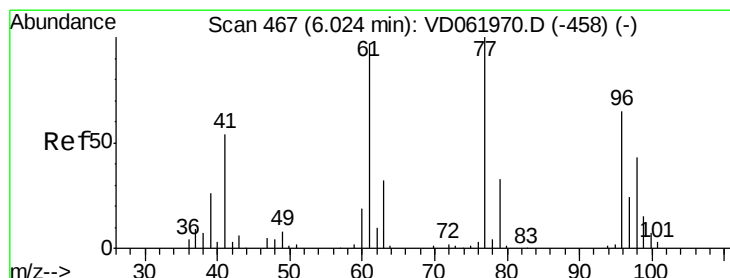
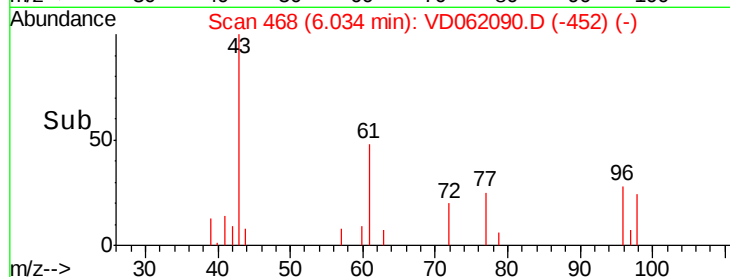
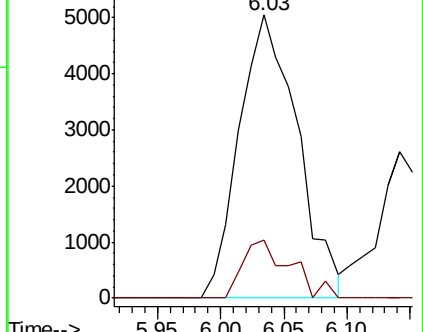
43 100

72 20.4 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: 2.410 ug/l

RT: 5.99 min Scan# 464

Delta R.T. -0.03 min

Lab File: VD062090.D

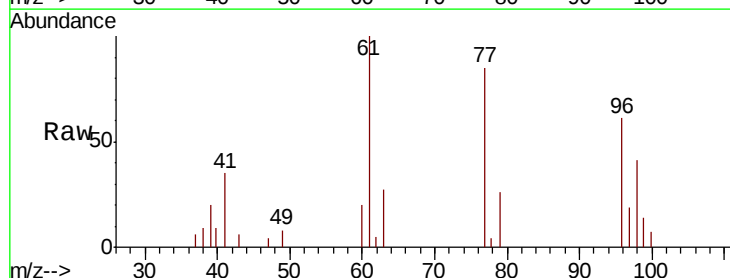
Acq: 30 Apr 2019 16:33

Tgt Ion: 77 Resp: 20075

Ion Ratio Lower Upper

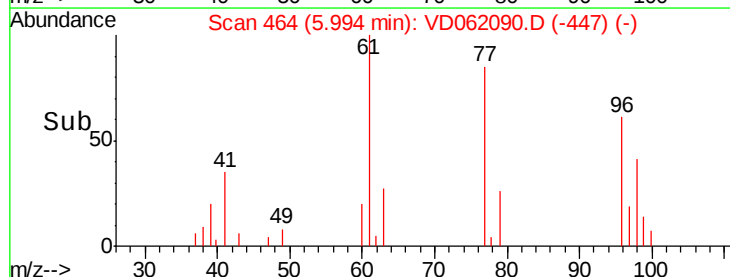
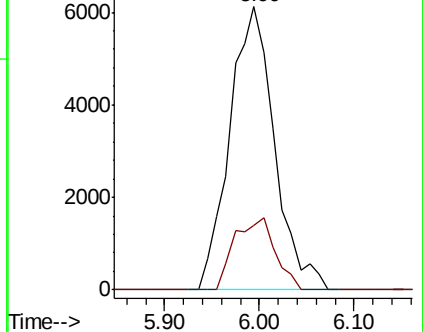
77 100

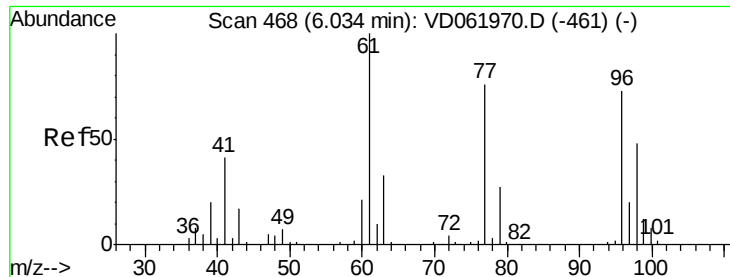
97 22.9 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

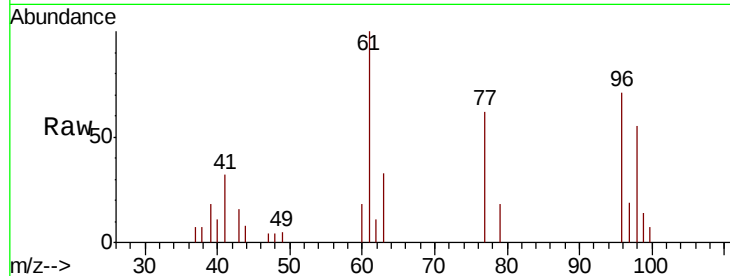




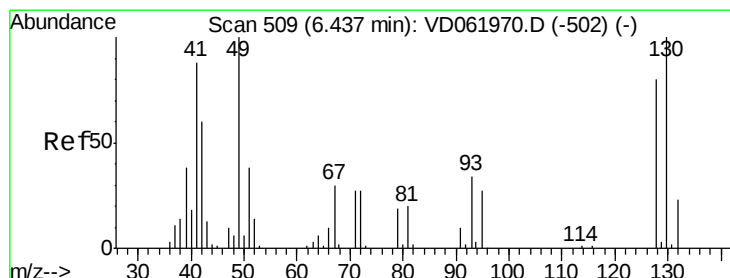
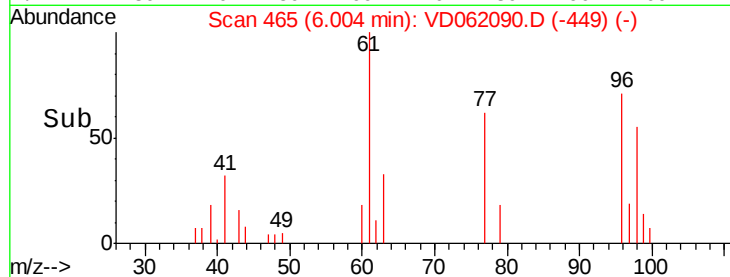
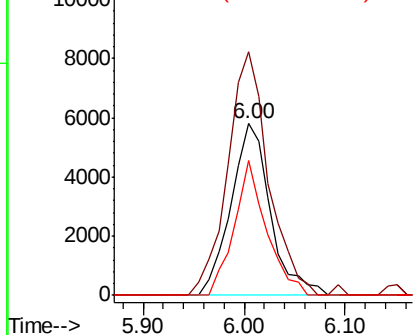
#27

cis-1,2-Dichloroethene
Concen: 2.442 ug/l
RT: 6.00 min Scan# 465
Delta R.T. -0.04 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tot Ion: 96 Resp: 15792
Ion Ratio Lower Upper
96 100
61 141.7 0.0 279.8
98 78.4 0.0 136.0



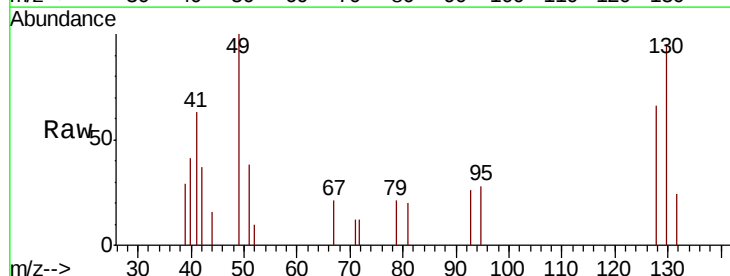
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



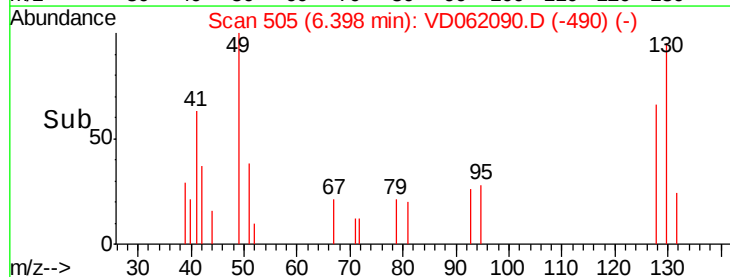
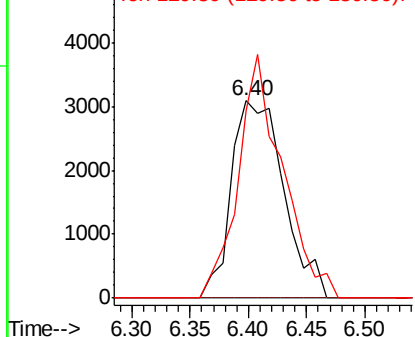
#28

Bromochloromethane
Concen: 2.641 ug/l
RT: 6.40 min Scan# 505
Delta R.T. -0.05 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tgt Ion: 49 Resp: 9648
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.6
130 94.7 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: 13.321 ug/l

RT: 6.43 min Scan# 508

Delta R.T. -0.03 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

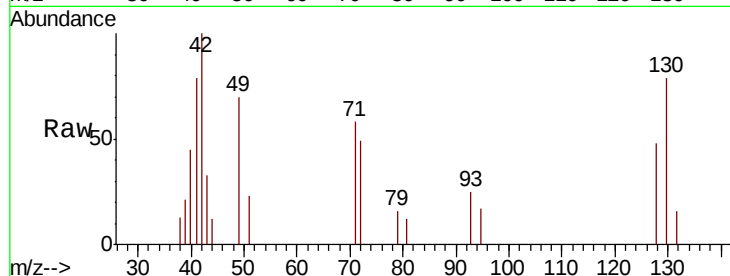
Tot Ion: 42 Resp: 9041

Ion Ratio Lower Upper

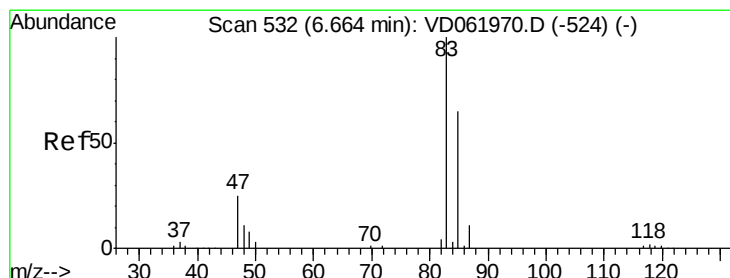
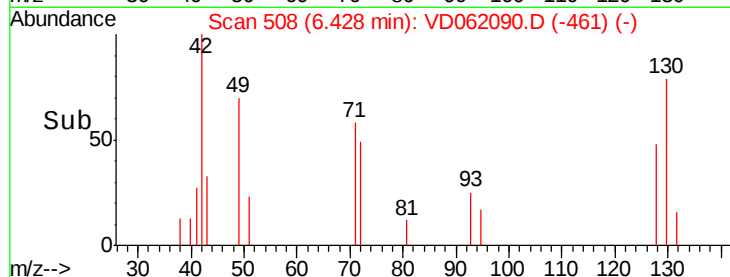
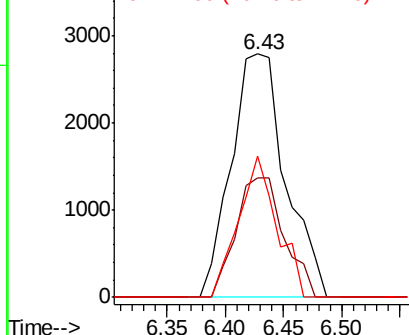
42 100

72 43.4 37.8 56.6

71 40.8 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: 2.507 ug/l

RT: 6.63 min Scan# 529

Delta R.T. -0.04 min

Lab File: VD062090.D

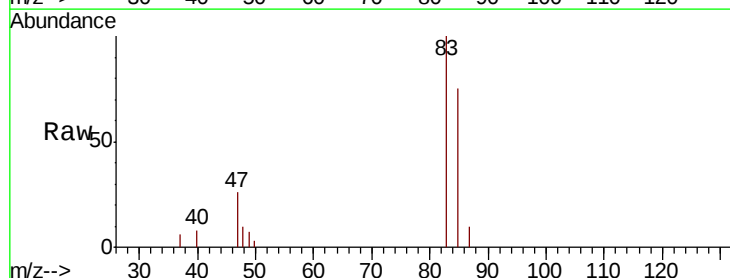
Acq: 30 Apr 2019 16:33

Tgt Ion: 83 Resp: 27185

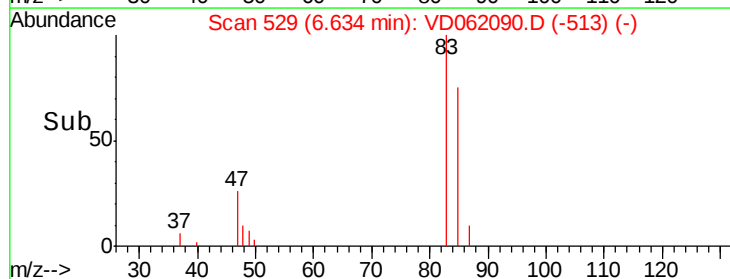
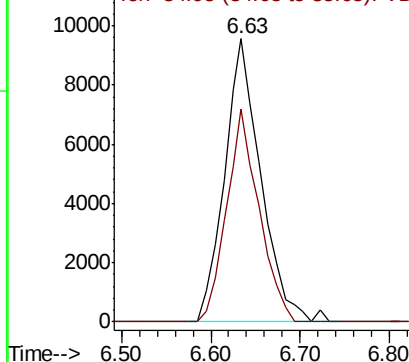
Ion Ratio Lower Upper

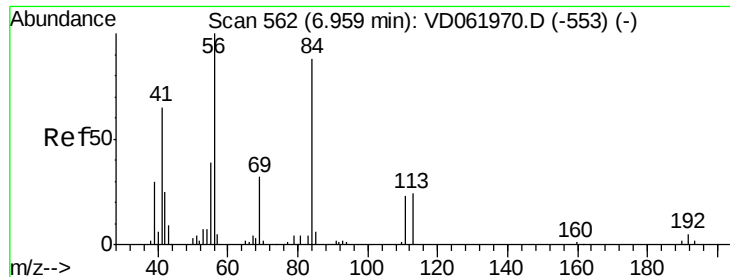
83 100

85 75.0 51.7 77.5



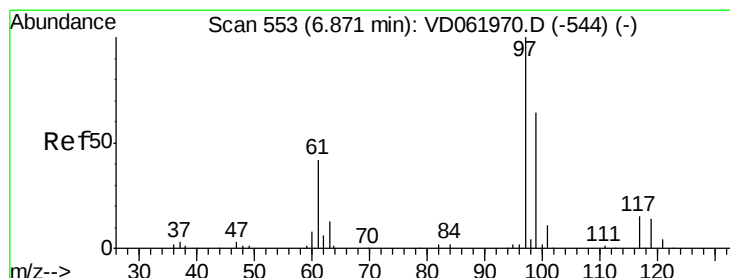
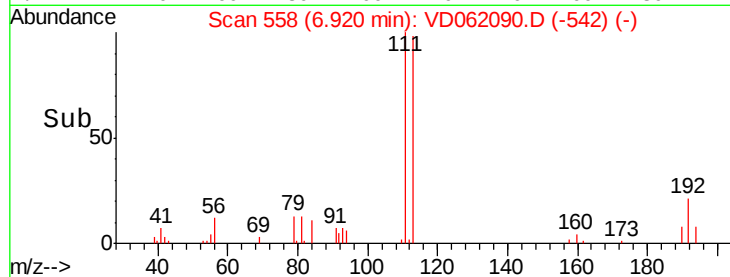
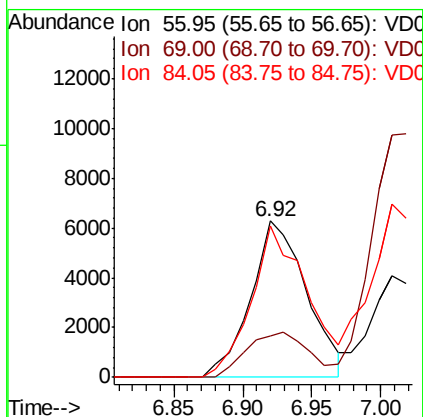
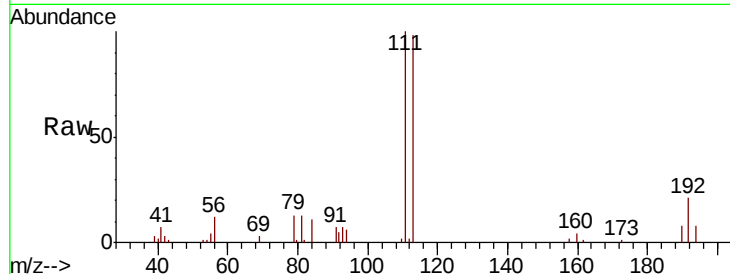
Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC





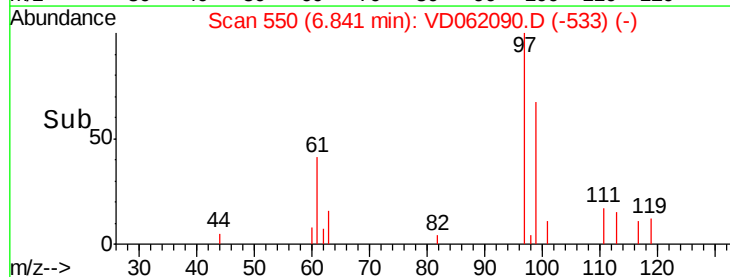
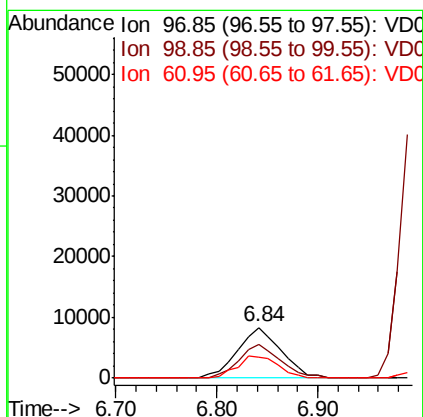
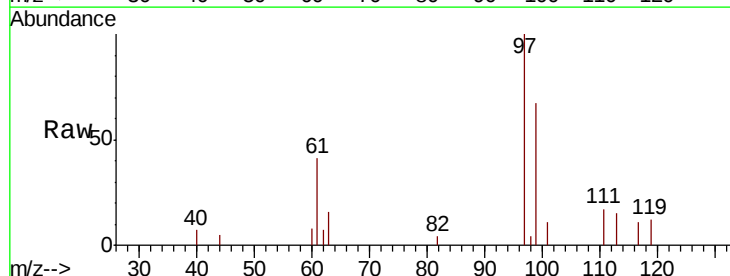
#31
Cyclohexane
Concen: 2.503 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.04 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tot Ion: 56 Resp: 17740
Ion Ratio Lower Upper
56 100
69 26.8 25.8 38.6
84 96.9 72.2 108.4



#32
1,1,1-Trichloroethane
Concen: 2.621 ug/l
RT: 6.84 min Scan# 550
Delta R.T. -0.03 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tgt Ion: 97 Resp: 24735
Ion Ratio Lower Upper
97 100
99 67.1 52.2 78.2
61 41.4 32.4 48.6





#33

1,2-Dichloroethane-d4

Concen: 53.028 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.03 min

Lab File: VD062090.D

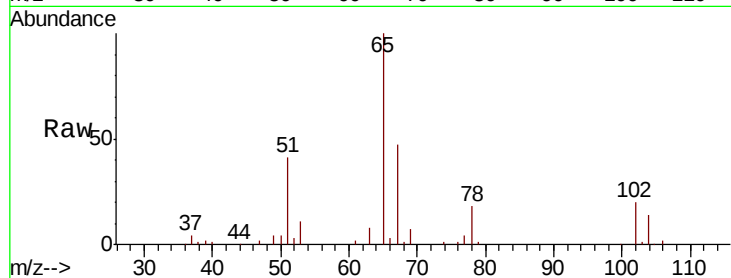
Acq: 30 Apr 2019 16:33

Tot Ion: 65 Resp: 252307

Ion Ratio Lower Upper

65 100

67 47.2 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.42

100000

80000

60000

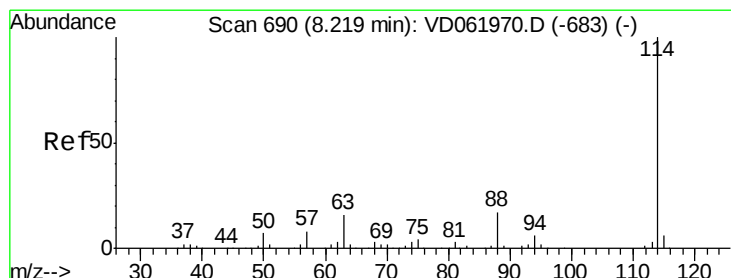
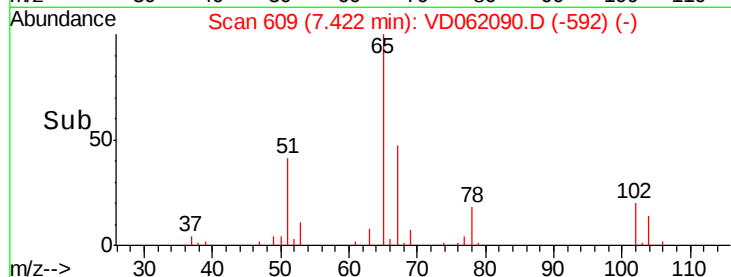
40000

20000

0

7.30 7.40 7.50 7.60

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 687

Delta R.T. -0.03 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

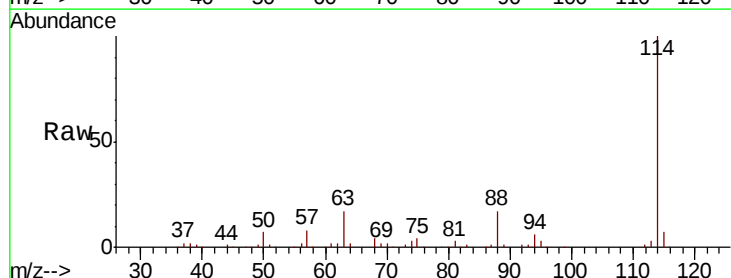
Tgt Ion: 114 Resp: 953089

Ion Ratio Lower Upper

114 100

63 16.7 0.0 32.4

88 17.2 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

8.19

500000

400000

300000

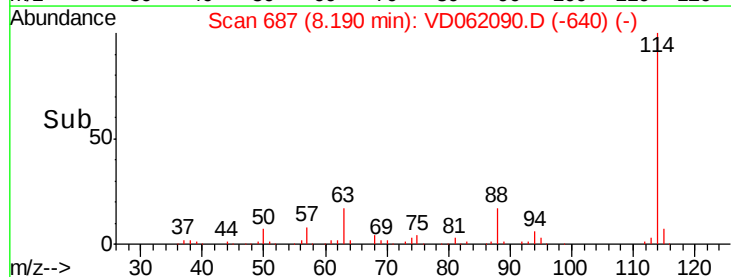
200000

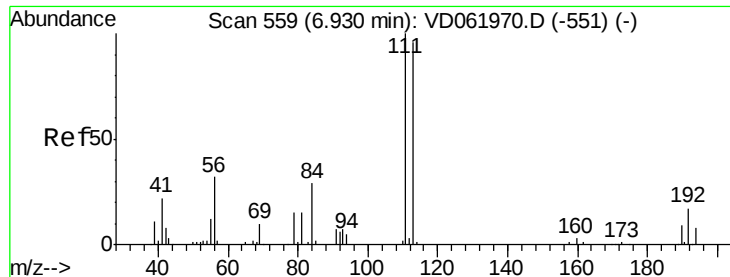
100000

0

8.00 8.20 8.40

Time-->





#35

Dibromofluoromethane

Concen: 55.812 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

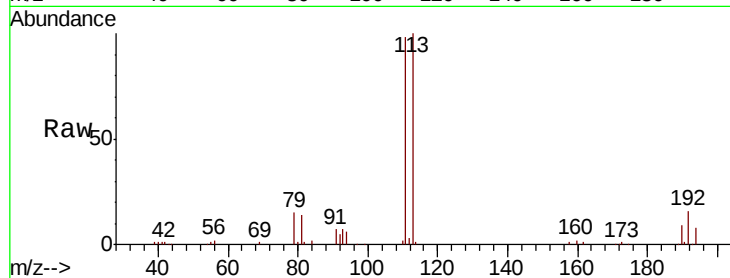
Tot Ion:113 Resp: 367884

Ion Ratio Lower Upper

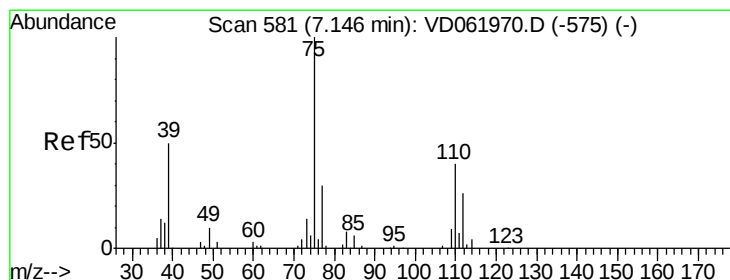
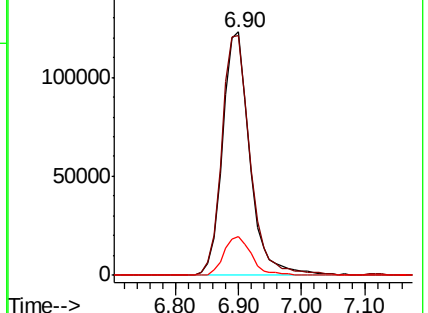
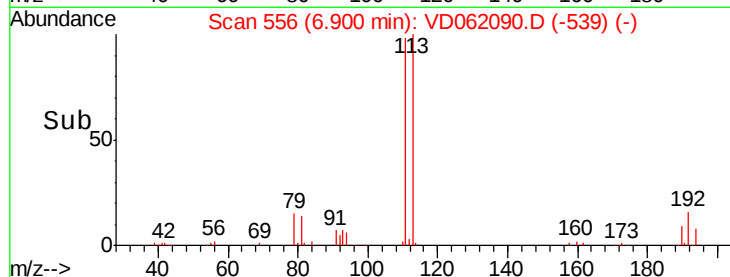
113 100

111 98.4 78.5 117.7

192 16.2 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: 2.907 ug/l

RT: 7.12 min Scan# 578

Delta R.T. -0.03 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

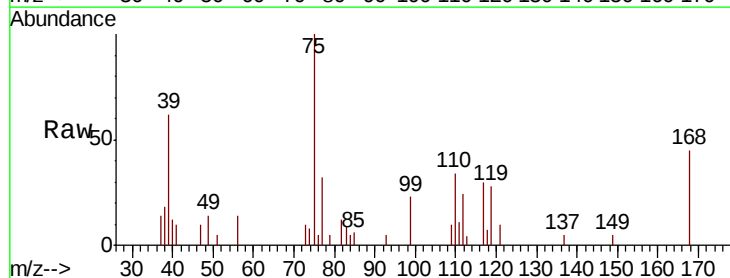
Tgt Ion: 75 Resp: 21584

Ion Ratio Lower Upper

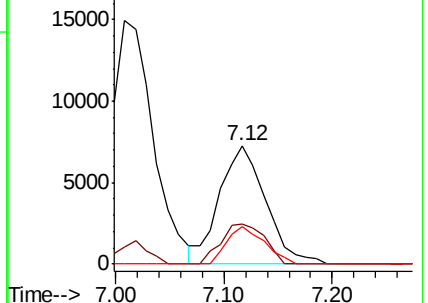
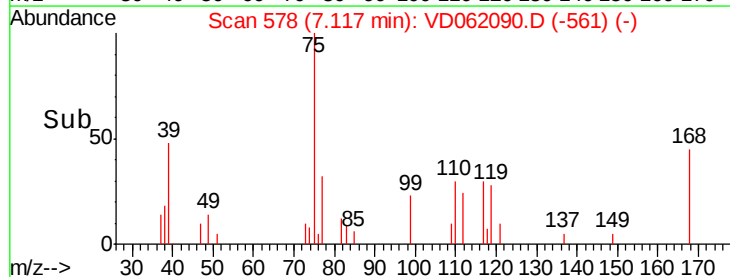
75 100

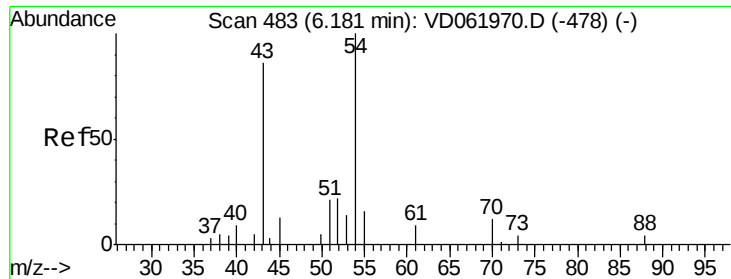
110 34.0 19.1 57.1

77 31.8 25.6 38.4



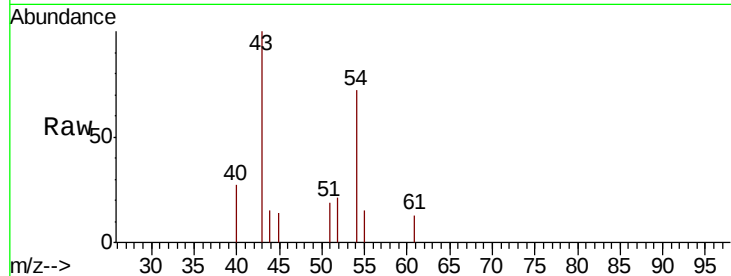
Abundance Ion 75.00 (74.70 to 75.70): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): V



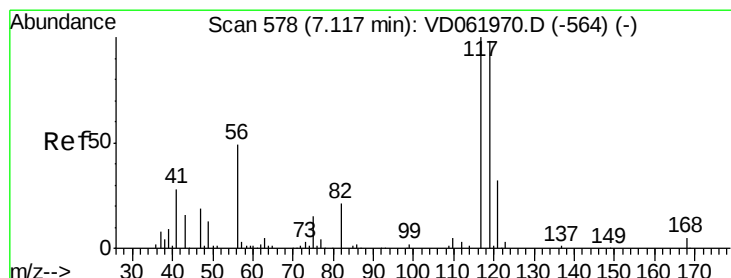
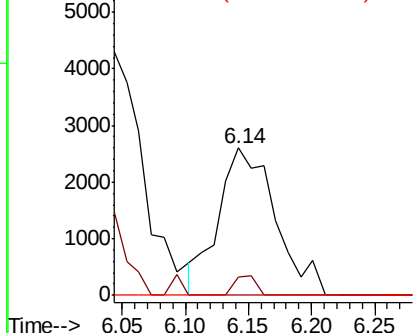
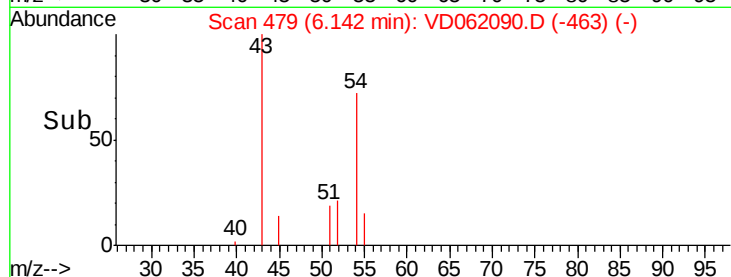


#37
Ethyl Acetate
Concen: 2.575 ug/l
RT: 6.14 min Scan# 479
Delta R.T. -0.04 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tot Ion: 43 Resp: 8147
Ion Ratio Lower Upper
43 100
61 12.6 14.7 22.1#
70 0.0 7.8 11.6#

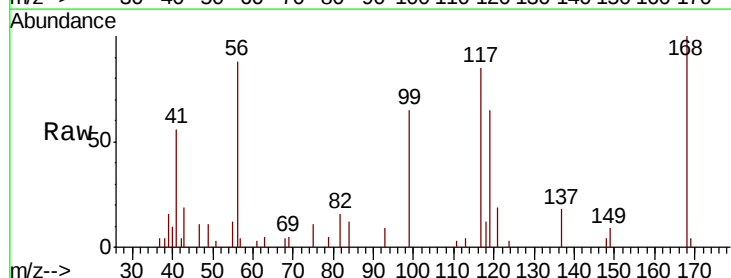


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

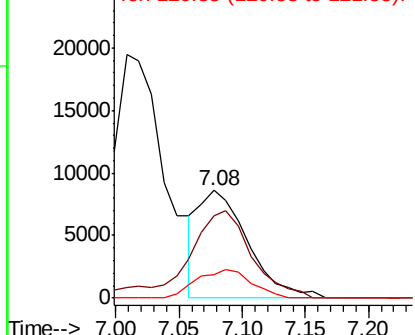
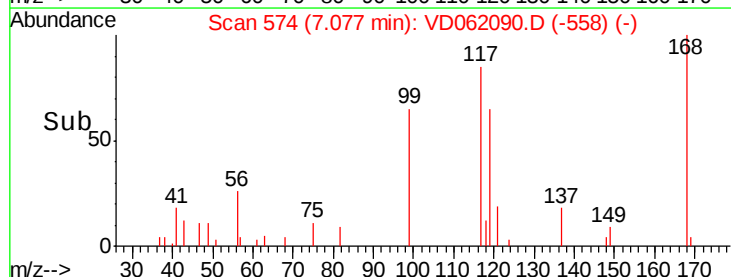


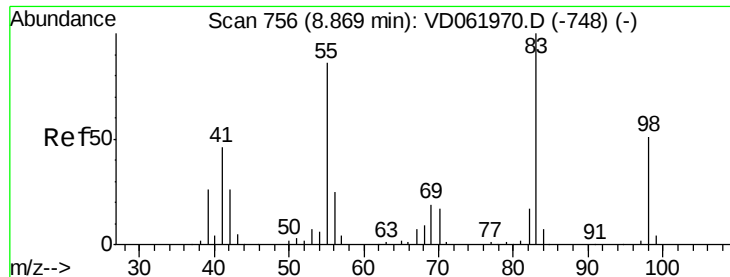
#38
Carbon Tetrachloride
Concen: 2.465 ug/l
RT: 7.08 min Scan# 574
Delta R.T. -0.04 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tgt Ion: 117 Resp: 23193
Ion Ratio Lower Upper
117 100
119 76.1 75.8 113.8
121 21.9 25.9 38.9#



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





#39

Methvlcvclohexane

Concen: 2.680 ug/l

RT: 8.84 min Scan# 753

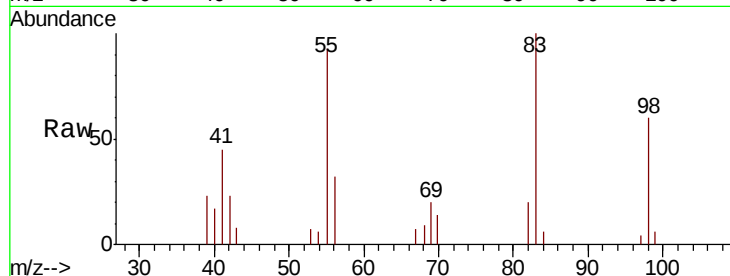
Delta R.T. -0.03 min

Lab File: VD062090.D

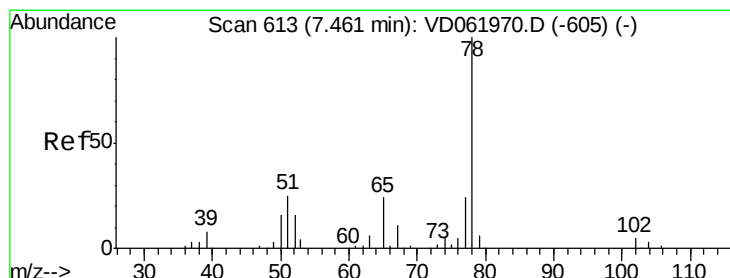
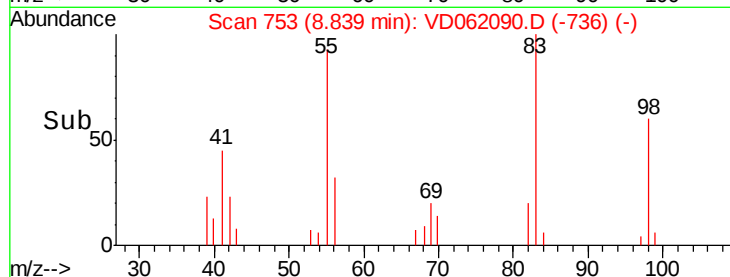
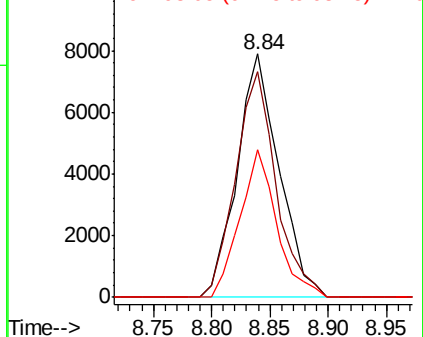
Acq: 30 Apr 2019 16:33

Tot Ion: 83 Resp: 19635

Ion	Ratio	Lower	Upper
83	100		
55	92.9	68.2	102.4
98	60.5	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: 2.596 ug/l

RT: 7.42 min Scan# 609

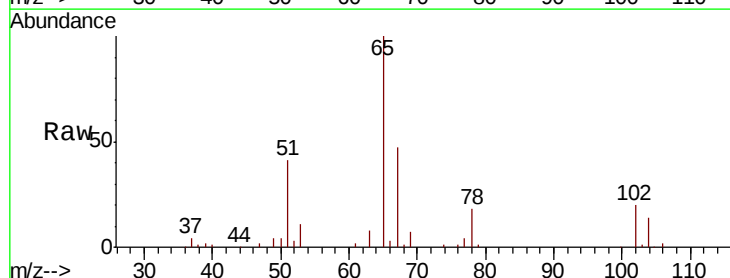
Delta R.T. -0.04 min

Lab File: VD062090.D

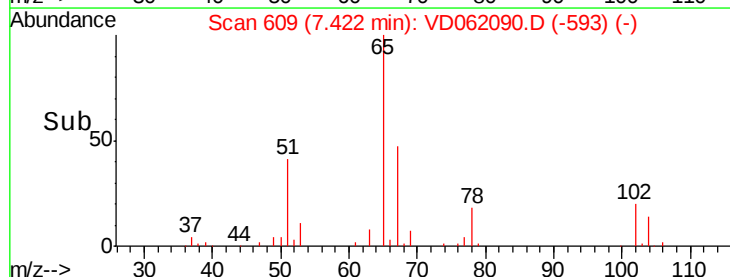
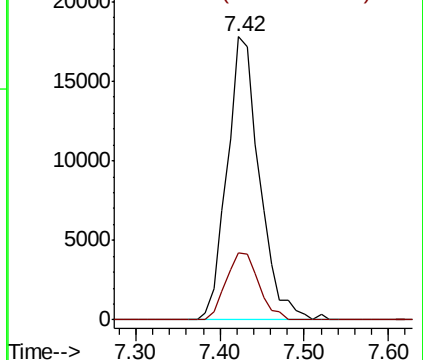
Acq: 30 Apr 2019 16:33

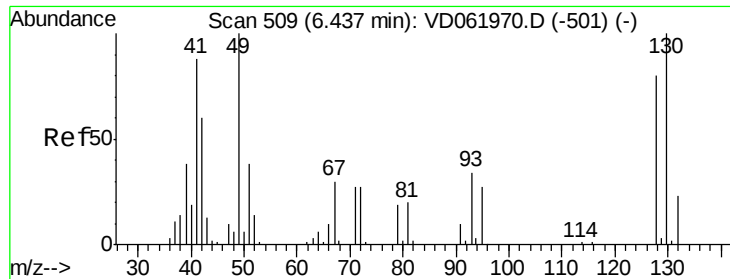
Tgt Ion: 78 Resp: 47726

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.7	29.5



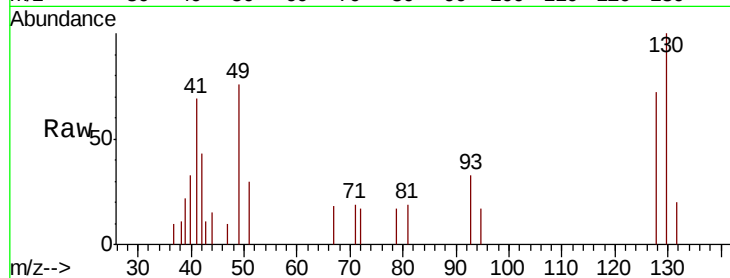
Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC



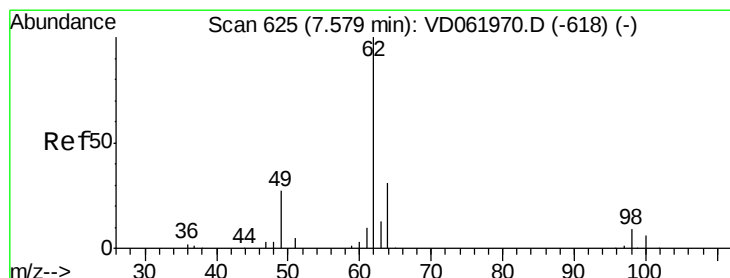
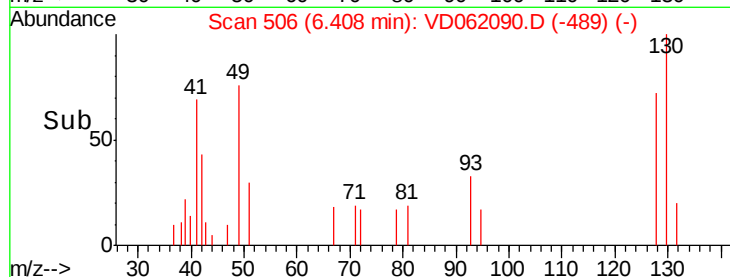
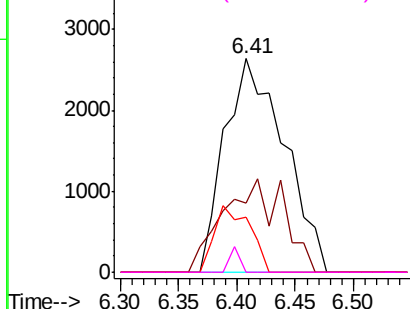


#41
Methacrylonitrile
Concen: 2.528 ug/l
RT: 6.41 min Scan# 506
Delta R.T. -0.03 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tot Ion: 41 Resp: 9332
Ion Ratio Lower Upper
41 100
39 32.3 34.1 51.1#
67 25.9 23.8 35.6
52 0.0 8.8 13.2#

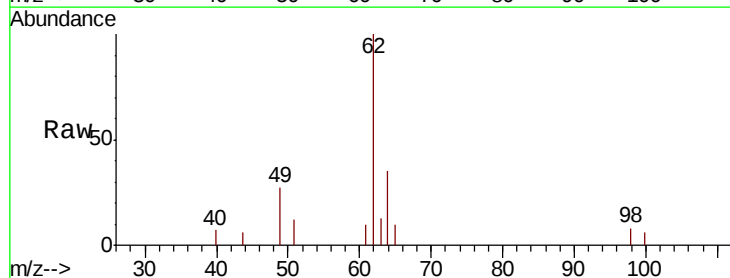


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

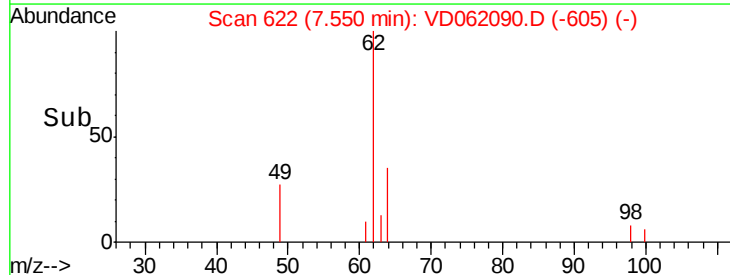
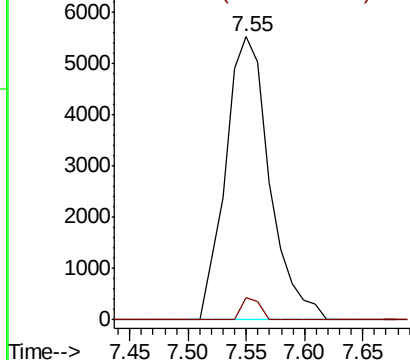


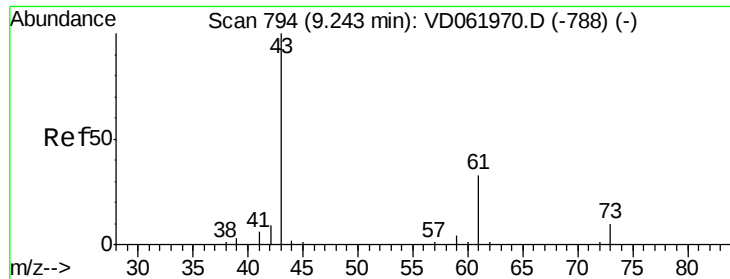
#42
1,2-Dichloroethane
Concen: 2.317 ug/l
RT: 7.55 min Scan# 622
Delta R.T. -0.03 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tgt Ion: 62 Resp: 14464
Ion Ratio Lower Upper
62 100
98 8.0 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: 2.392 ug/l

RT: 9.21 min Scan# 791

Delta R.T. -0.03 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

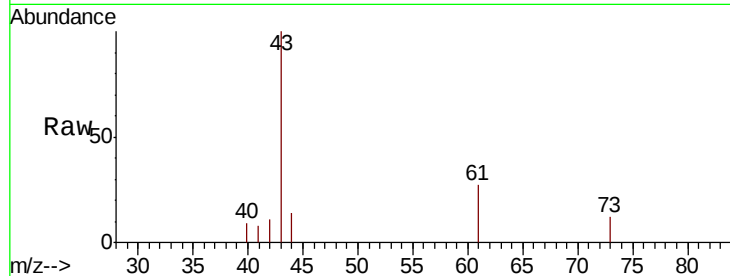
Tot Ion: 43 Resp: 11058

Ion Ratio Lower Upper

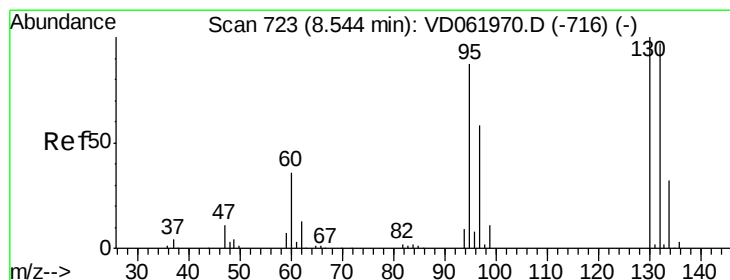
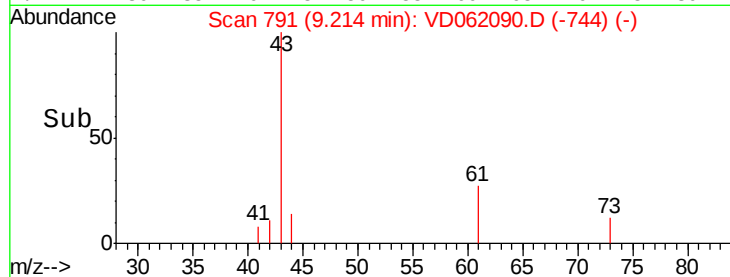
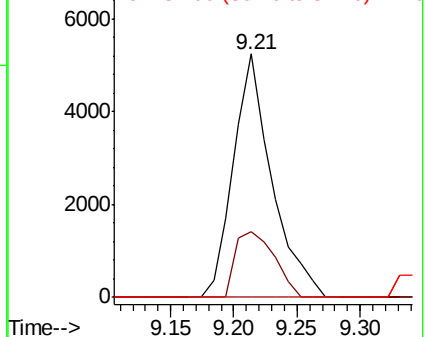
43 100

61 27.1 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: 2.670 ug/l

RT: 8.51 min Scan# 720

Delta R.T. -0.03 min

Lab File: VD062090.D

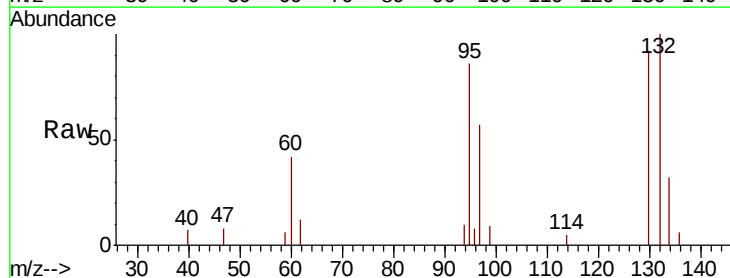
Acq: 30 Apr 2019 16:33

Tgt Ion: 130 Resp: 19027

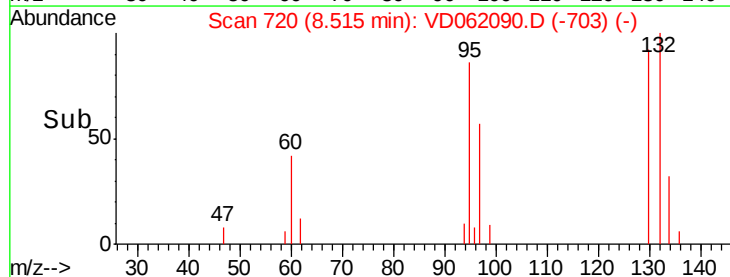
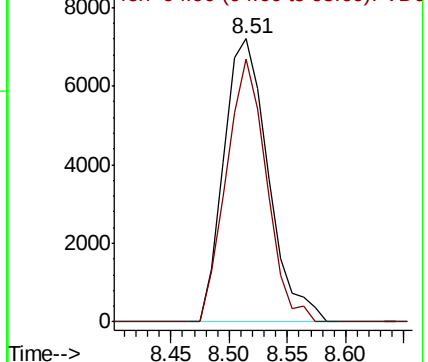
Ion Ratio Lower Upper

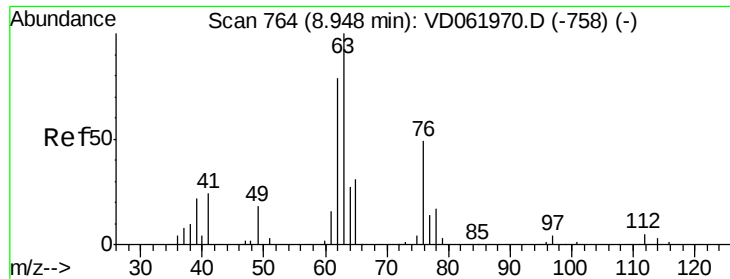
130 100

95 93.1 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: 2.426 ug/l

RT: 8.91 min Scan# 760

Delta R.T. -0.03 min

Lab File: VD062090.D

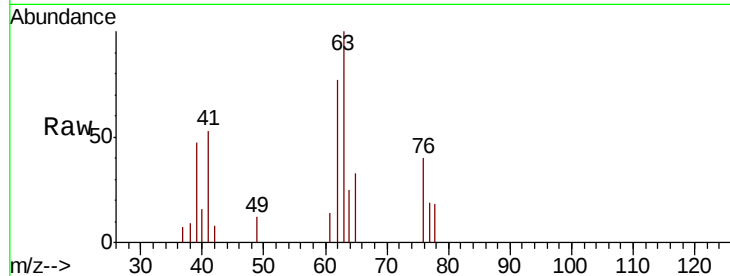
Acq: 30 Apr 2019 16:33

Tot Ion: 63 Resp: 11312

Ion Ratio Lower Upper

63 100

65 32.9 23.8 35.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

6000

5000

4000

3000

2000

1000

0

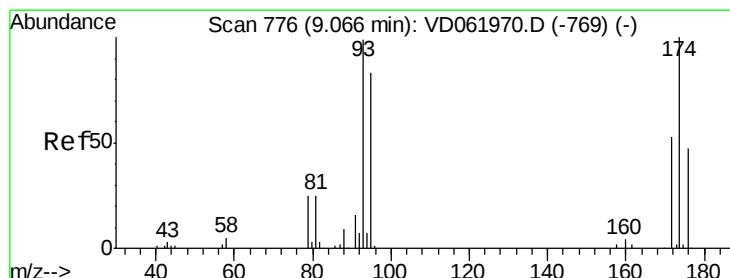
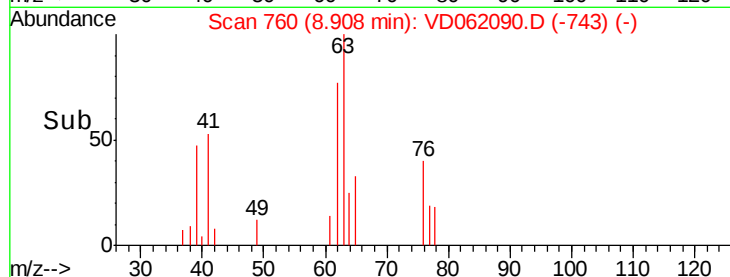
8.85

8.90

8.95

9.00

Time-->



#46

Dibromomethane

Concen: 2.554 ug/l

RT: 9.04 min Scan# 773

Delta R.T. -0.03 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

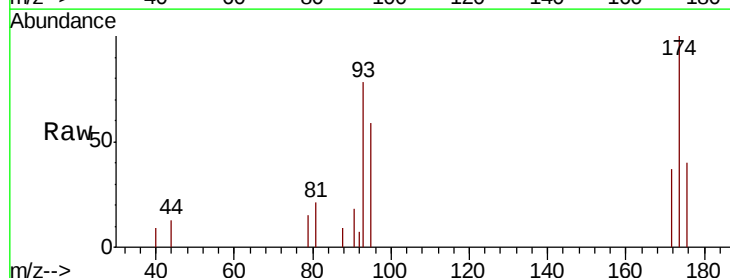
Tgt Ion: 93 Resp: 8572

Ion Ratio Lower Upper

93 100

95 75.4 64.8 97.2

174 128.1 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

6000

5000

4000

3000

2000

1000

0

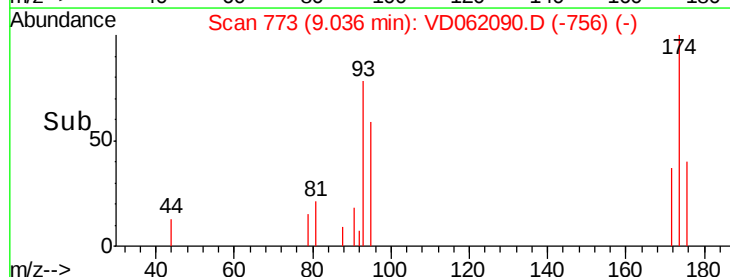
8.95

9.00

9.05

9.10

Time-->





#47

Bromodichloromethane

Concen: 2.157 ug/l

RT: 9.35 min Scan# 805

Delta R.T. -0.03 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

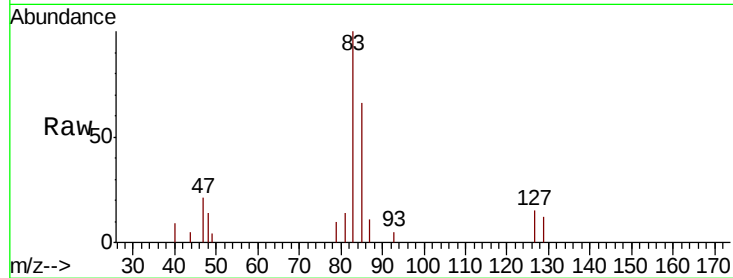
Tot Ion: 83 Resp: 17107

Ion Ratio Lower Upper

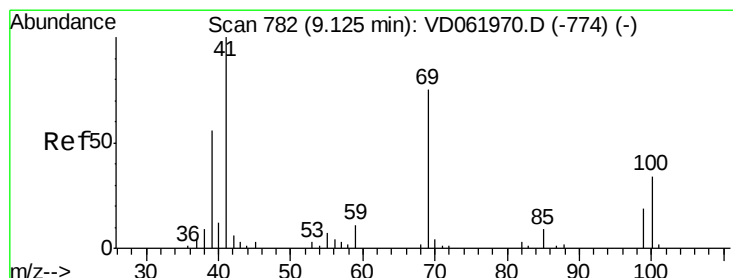
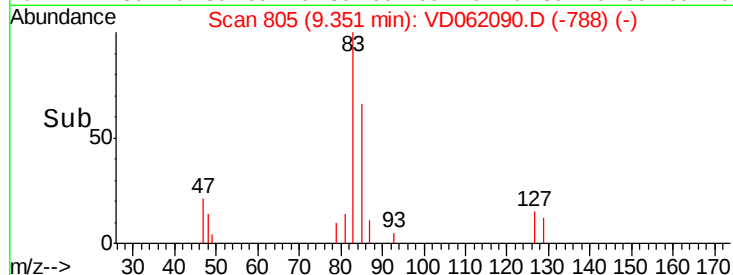
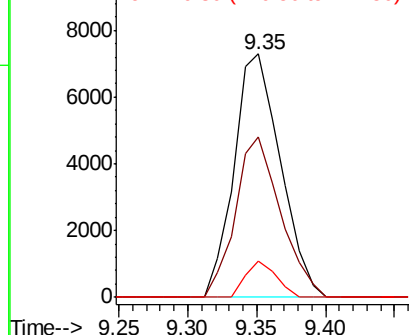
83 100

85 66.0 50.9 76.3

127 14.8 8.1 12.1#



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



#48

Methyl methacrylate

Concen: 2.556 ug/l

RT: 9.10 min Scan# 779

Delta R.T. -0.03 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

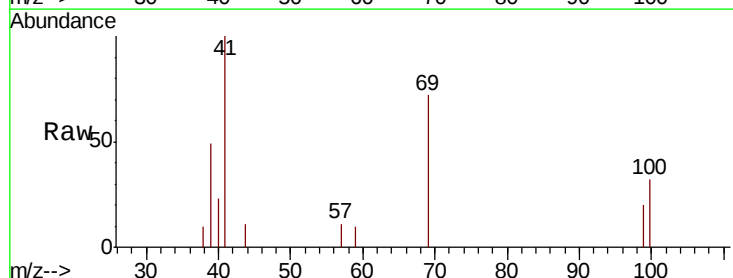
Tgt Ion: 41 Resp: 6743

Ion Ratio Lower Upper

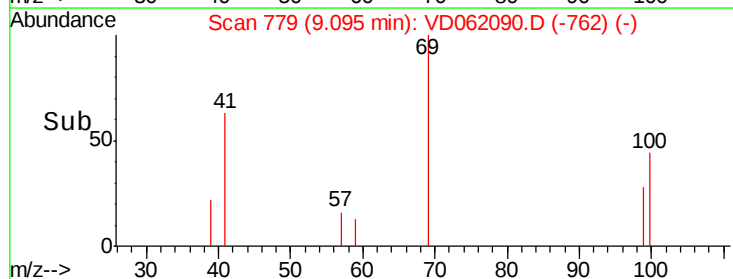
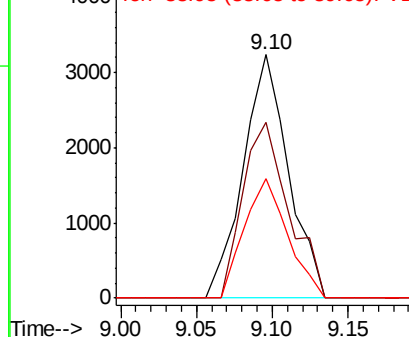
41 100

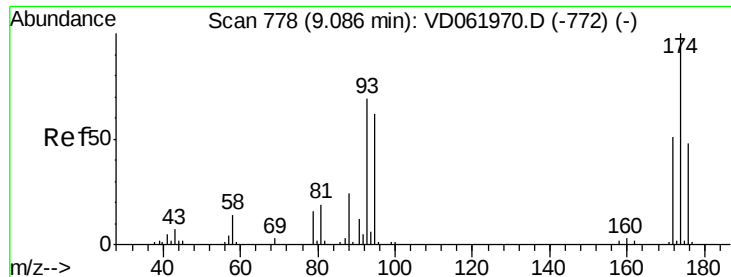
69 72.3 64.2 96.2

39 49.0 46.8 70.2



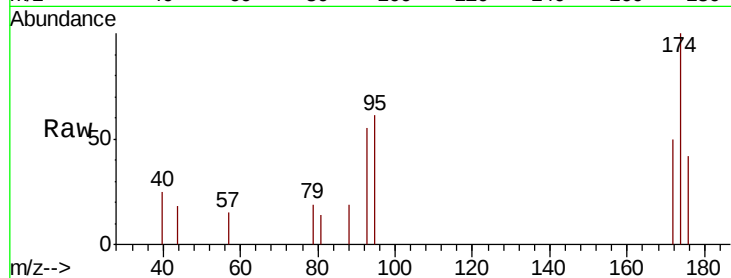
Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC



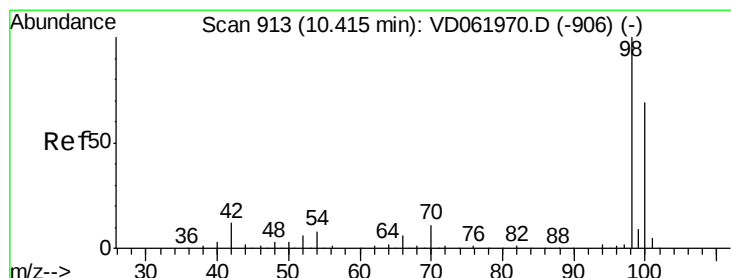
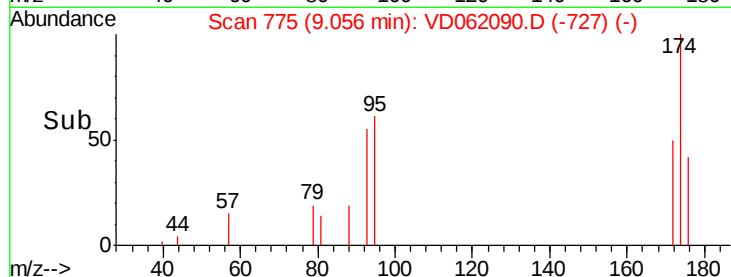
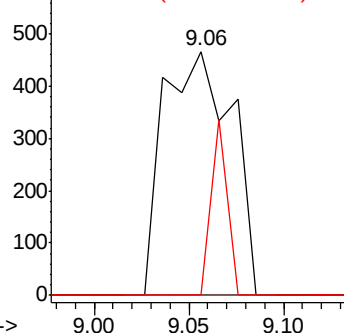


#49
1,4-Dioxane
Concen: 41.068 ug/l
RT: 9.06 min Scan# 775
Delta R.T. -0.02 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tot Ion: 88 Resp: 1168
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.0#
58 0.0 44.0 66.0#

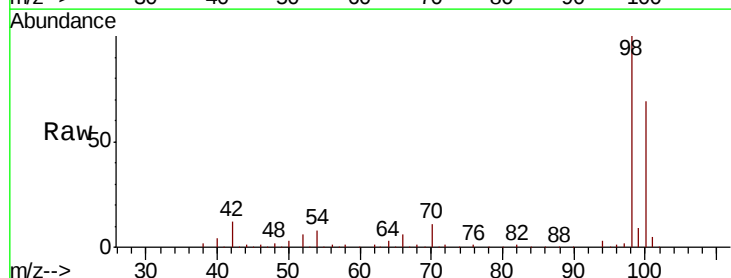


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

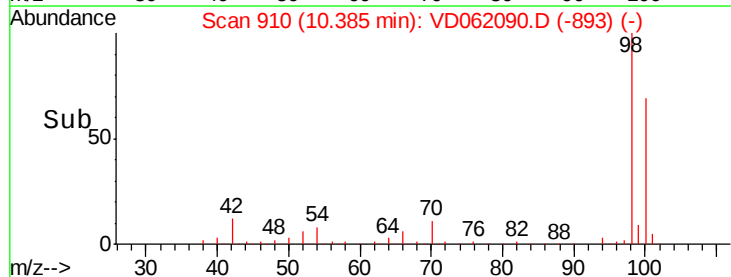
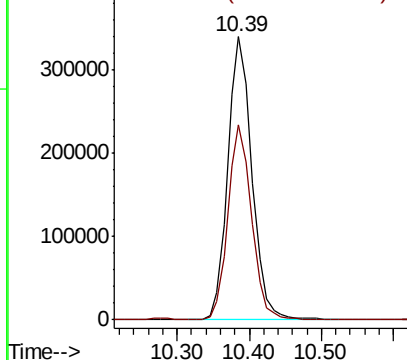


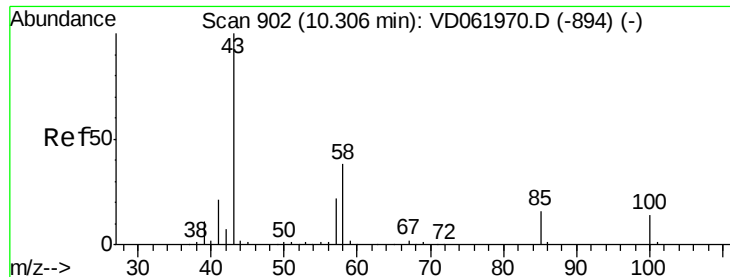
#50
Toluene-d8
Concen: 50.518 ug/l
RT: 10.39 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tgt Ion: 98 Resp: 792345
Ion Ratio Lower Upper
98 100
100 69.0 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: 13.176 ug/l

RT: 10.28 min Scan# 899

Delta R.T. -0.02 min

Lab File: VD062090.D

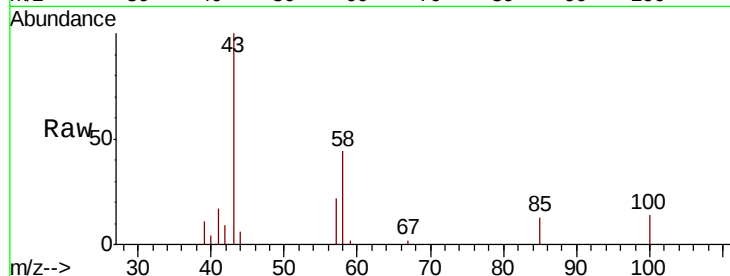
Acq: 30 Apr 2019 16:33

Tot Ion: 43 Resp: 37257

Ion Ratio Lower Upper

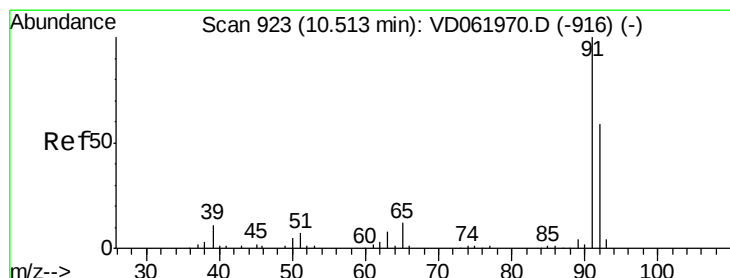
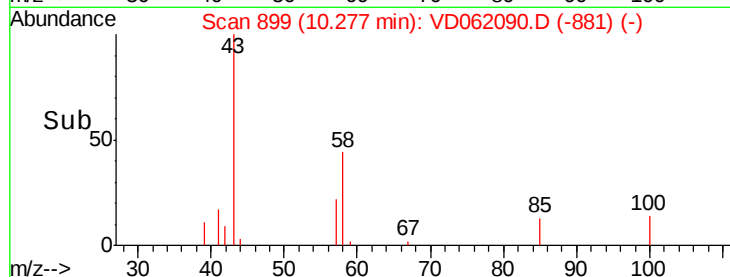
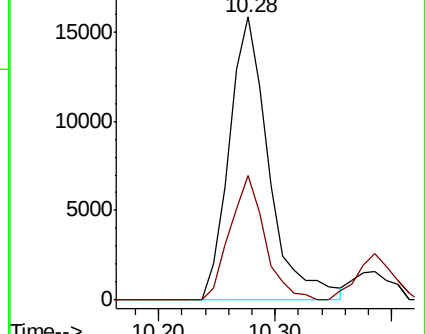
43 100

58 44.1 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: 2.679 ug/l

RT: 10.48 min Scan# 920

Delta R.T. -0.03 min

Lab File: VD062090.D

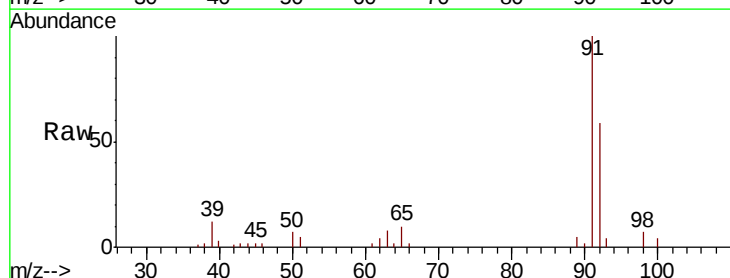
Acq: 30 Apr 2019 16:33

Tgt Ion: 92 Resp: 31396

Ion Ratio Lower Upper

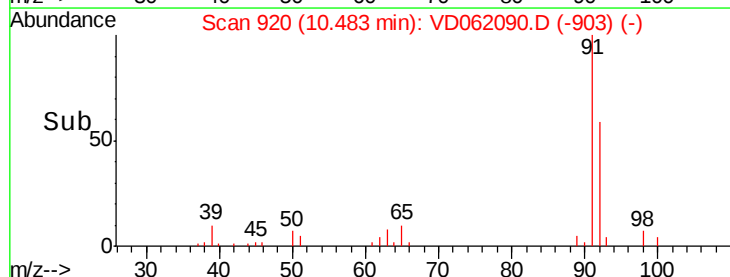
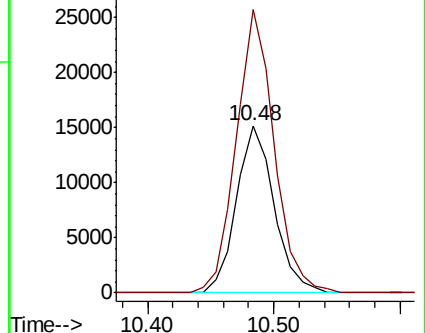
92 100

91 169.6 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

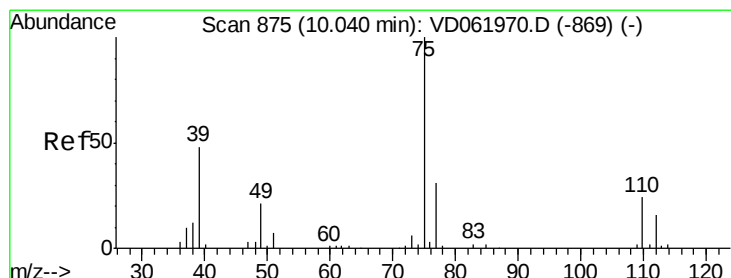
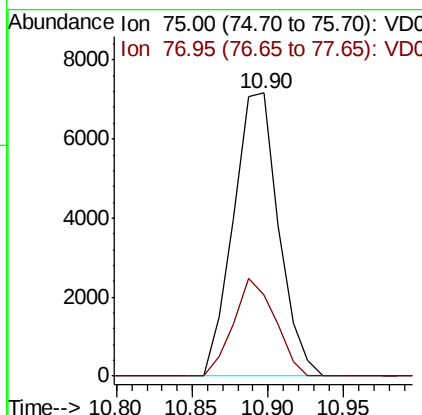
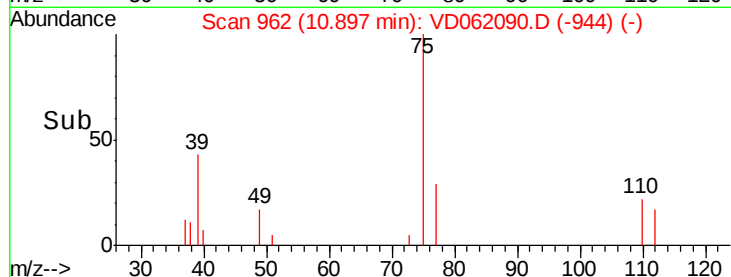
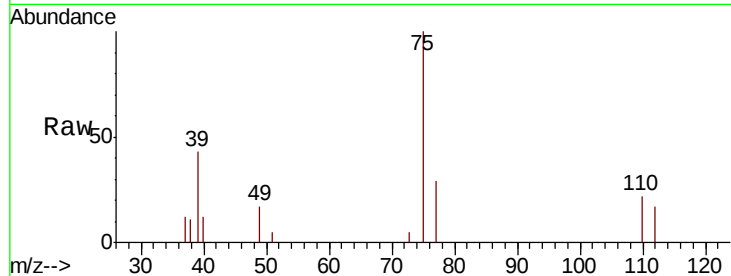
Ion 91.00 (90.70 to 91.70): VDC





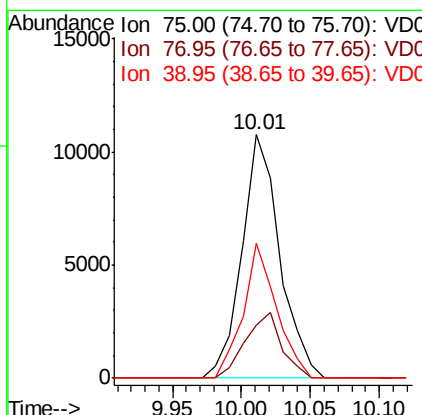
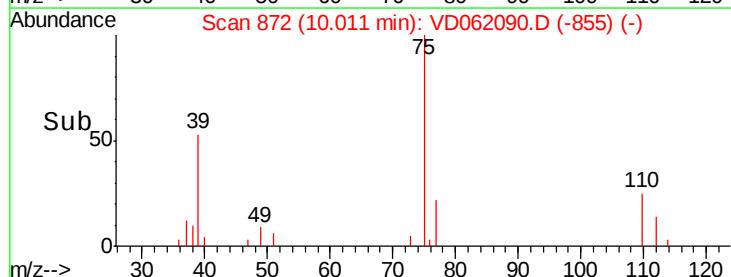
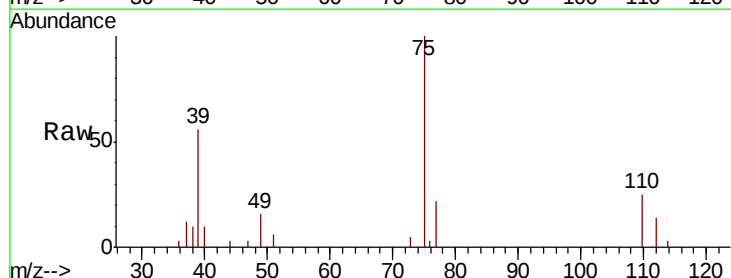
#53
 t-1,3-Dichloropropene
 Concen: 2.242 ug/l
 RT: 10.90 min Scan# 962
 Delta R.T. -0.02 min
 Lab File: VD062090.D
 Acq: 30 Apr 2019 16:33

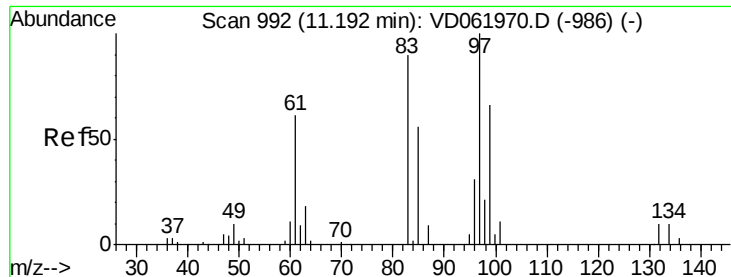
Tot Ion: 75 Resp: 14925
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 2.547 ug/l
 RT: 10.01 min Scan# 872
 Delta R.T. -0.03 min
 Lab File: VD062090.D
 Acq: 30 Apr 2019 16:33

Tgt Ion: 75 Resp: 20614
 Ion Ratio Lower Upper
 75 100
 77 21.7 25.5 38.3#
 39 55.6 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 2.446 ug/l

RT: 11.16 min Scan# 989

Delta R.T. -0.03 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

Tot Ion: 97 Resp: 9627

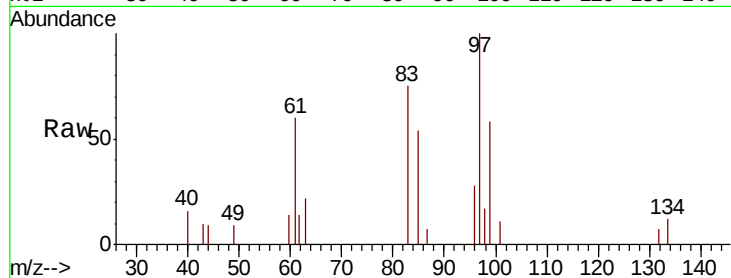
Ion Ratio Lower Upper

97 100

83 74.7 65.7 98.5

85 53.6 45.6 68.4

99 57.9 48.4 72.6

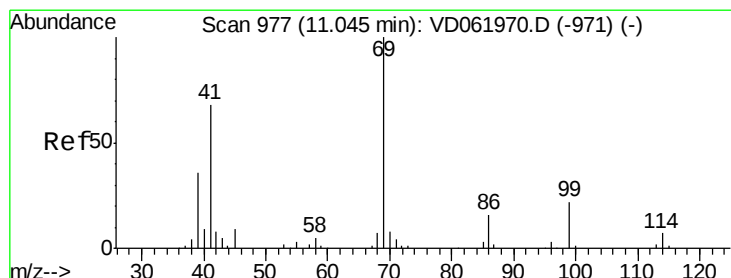
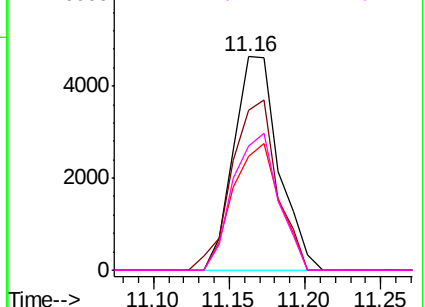
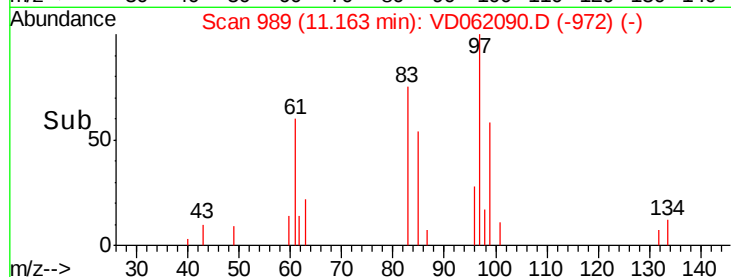


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 2.420 ug/l

RT: 11.02 min Scan# 974

Delta R.T. -0.03 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

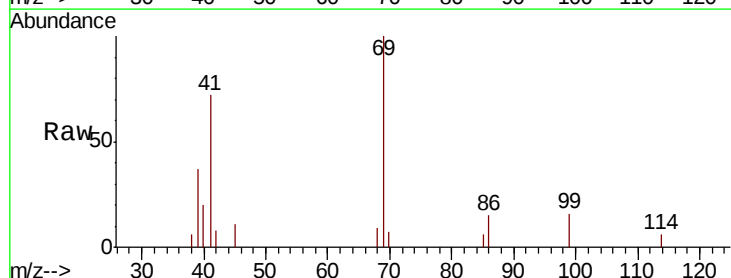
Tgt Ion: 69 Resp: 10547

Ion Ratio Lower Upper

69 100

41 72.2 56.3 84.5

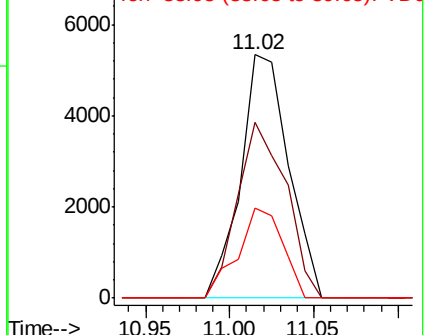
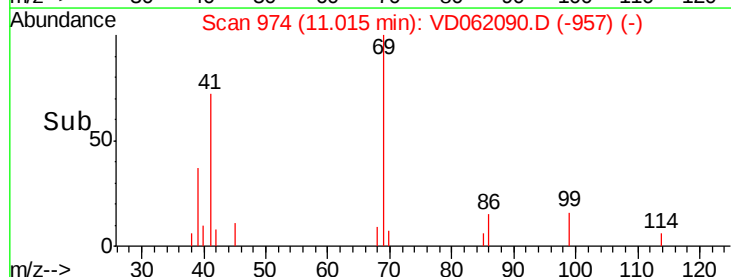
39 36.7 29.4 44.2

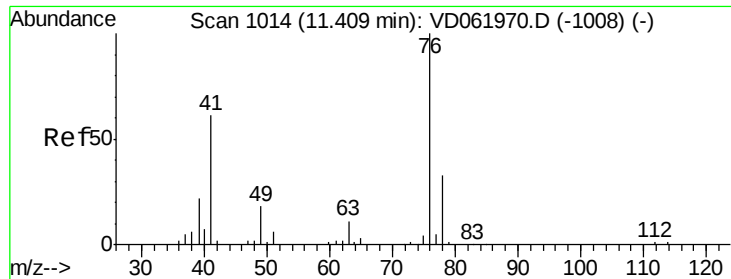


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 2.501 ug/l

RT: 11.39 min Scan# 1012

Delta R.T. -0.02 min

Lab File: VD062090.D

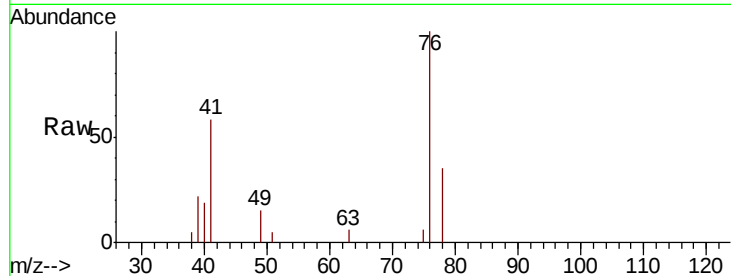
Acq: 30 Apr 2019 16:33

Tot Ion: 76 Resp: 15203

Ion Ratio Lower Upper

76 100

78 35.1 26.2 39.2



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

11.39

8000

6000

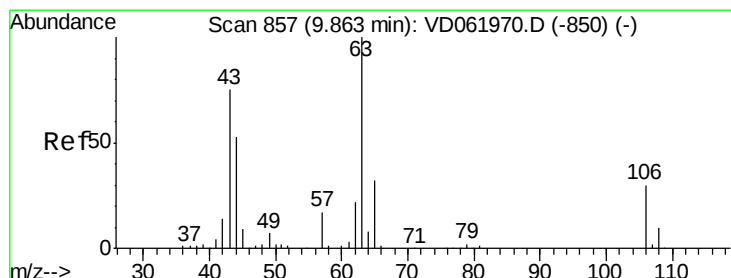
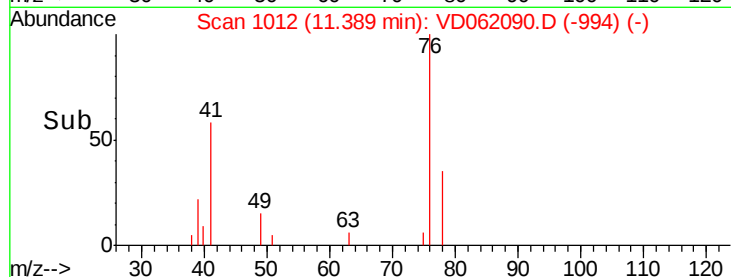
4000

2000

0

Time-->

11.30 11.35 11.40 11.45



#58

2-Chloroethyl Vinyl ether

Concen: 13.964 ug/l

RT: 9.83 min Scan# 854

Delta R.T. -0.03 min

Lab File: VD062090.D

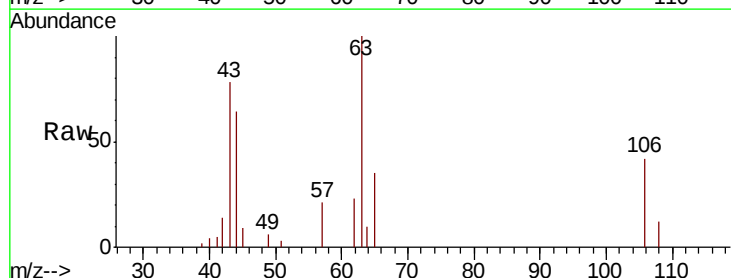
Acq: 30 Apr 2019 16:33

Tgt Ion: 63 Resp: 28296

Ion Ratio Lower Upper

63 100

106 41.8 22.6 34.0#



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

9.83

15000

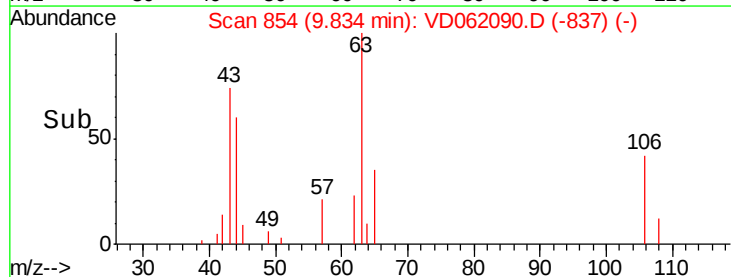
10000

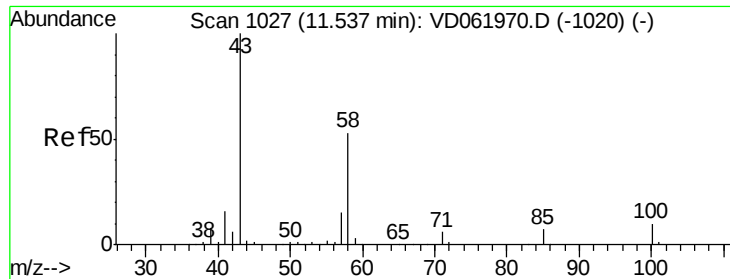
5000

0

Time-->

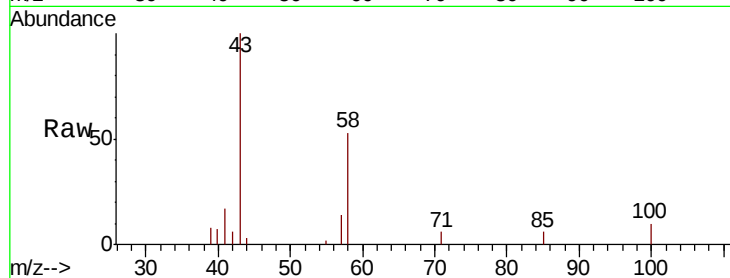
9.75 9.80 9.85 9.90



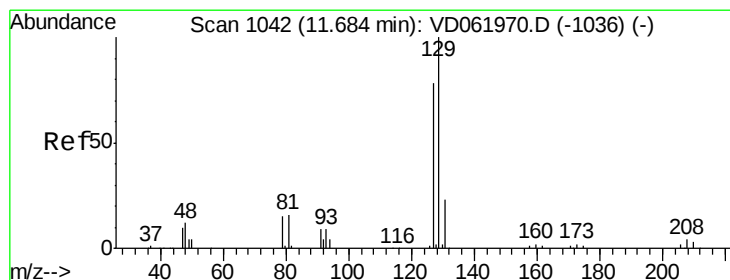
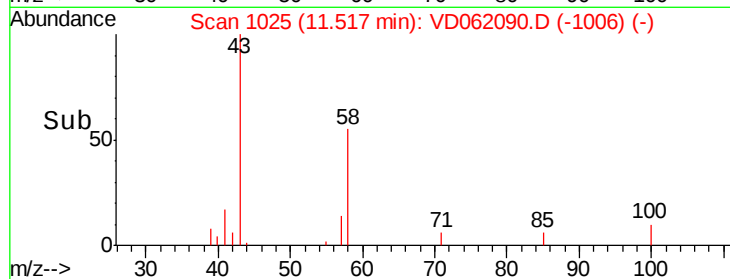
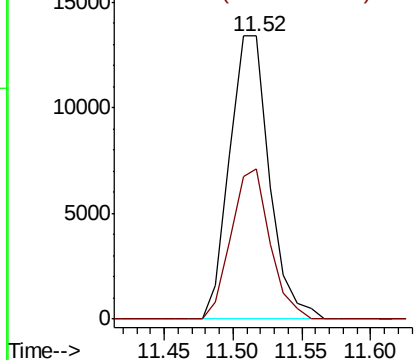


#59
2-Hexanone
Concen: 12.723 ug/l
RT: 11.52 min Scan# 1025
Delta R.T. -0.01 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tot Ion: 43 Resp: 26987
Ion Ratio Lower Upper
43 100
58 53.0 25.4 76.4

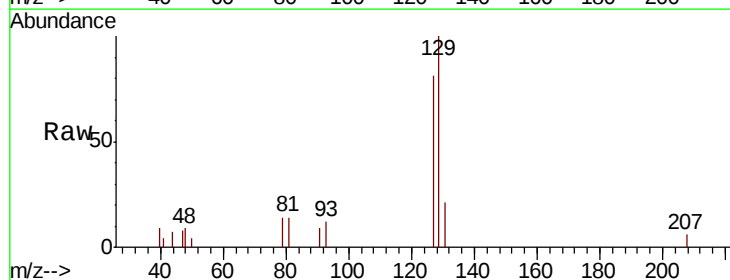


Abundance Ion 42.95 (42.65 to 43.65): VD061970.D (-1020) (-)
Ion 57.95 (57.65 to 58.65): VD061970.D (-1020) (-)

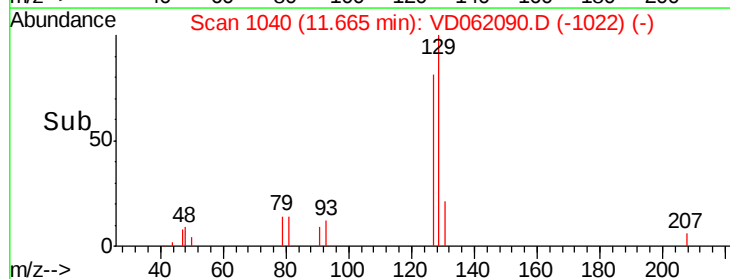
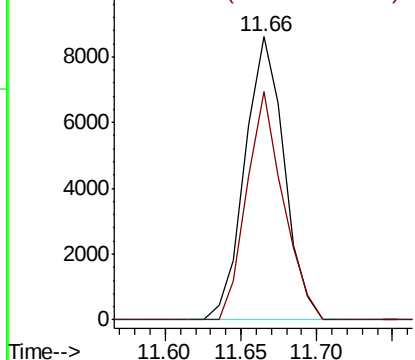


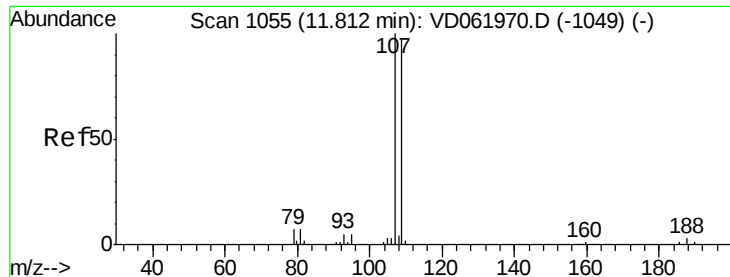
#60
Dibromochloromethane
Concen: 2.391 ug/l
RT: 11.66 min Scan# 1040
Delta R.T. -0.02 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tgt Ion: 129 Resp: 15571
Ion Ratio Lower Upper
129 100
127 80.8 38.0 113.9



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





#61

1,2-Dibromoethane

Concen: 2.649 ug/l

RT: 11.79 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VD062090.D

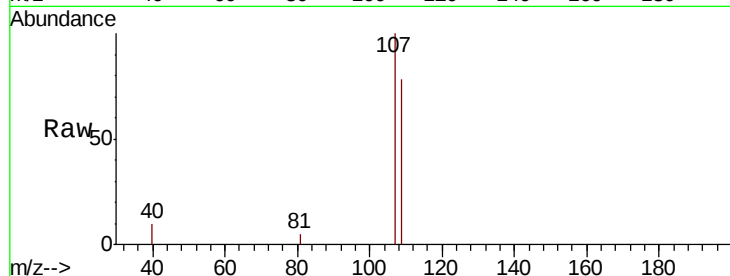
Acq: 30 Apr 2019 16:33

Tot Ion: 107 Resp: 12366

Ion Ratio Lower Upper

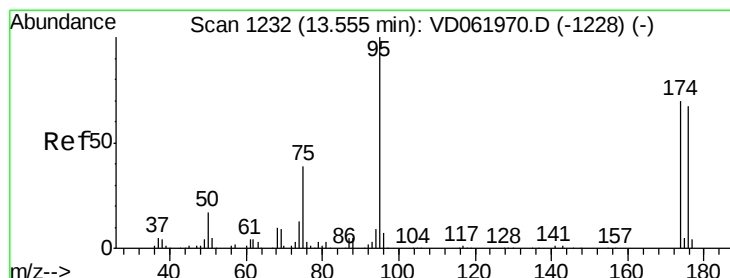
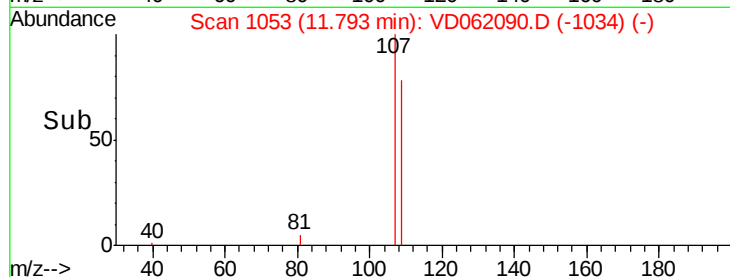
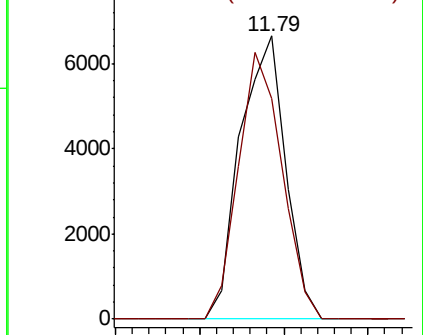
107 100

109 77.8 78.3 117.5#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 49.153 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

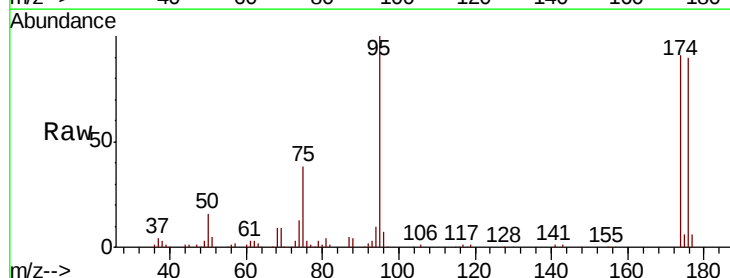
Tgt Ion: 95 Resp: 309218

Ion Ratio Lower Upper

95 100

174 91.3 0.0 181.8

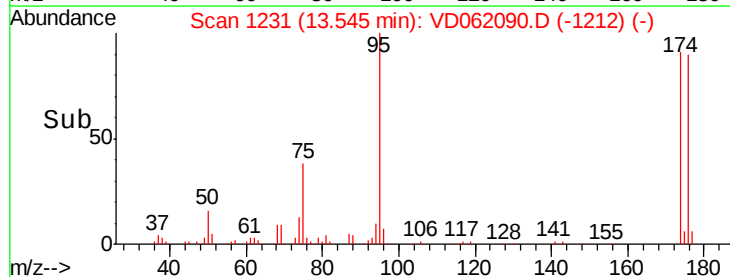
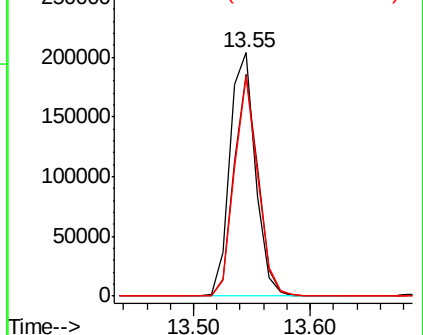
176 90.0 0.0 174.4

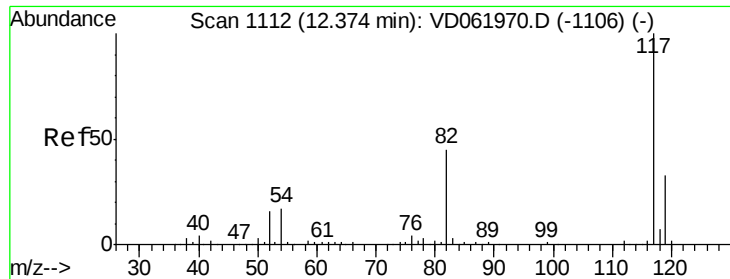


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

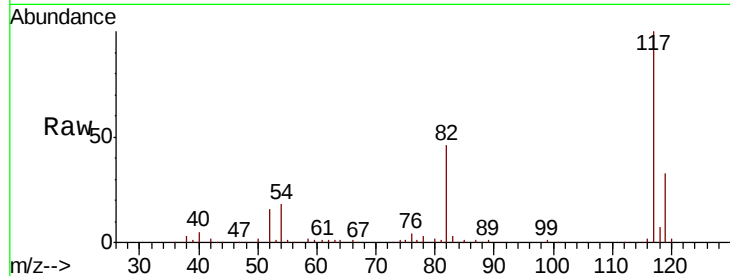
Ion 175.90 (175.60 to 176.60): V



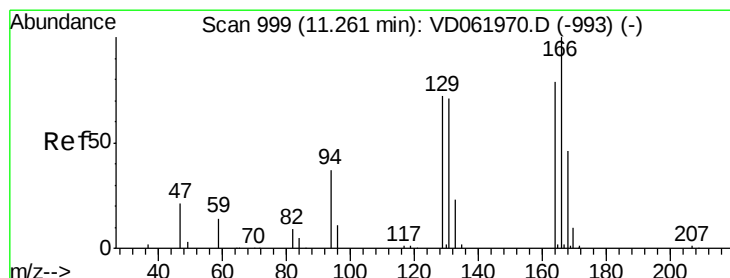
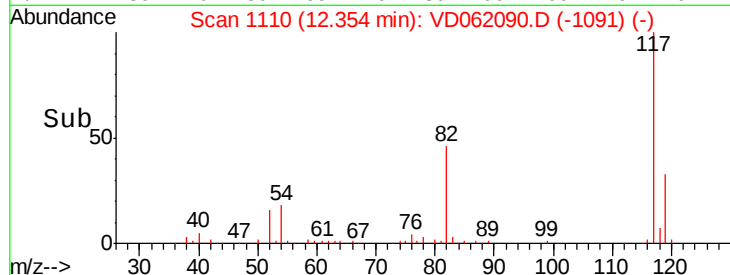
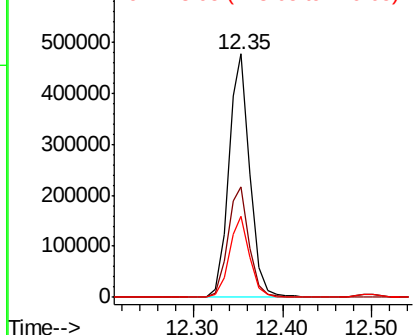


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tot Ion:117 Resp: 793664
Ion Ratio Lower Upper
117 100
82 45.5 36.2 54.2
119 33.3 26.2 39.4

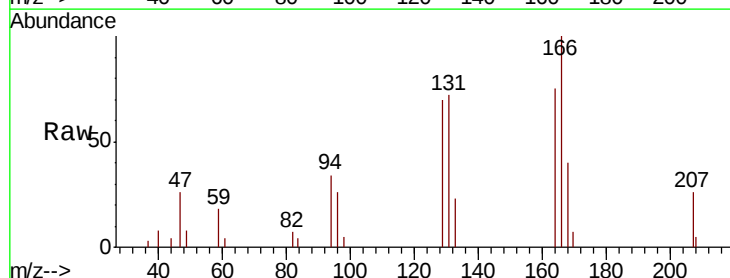


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

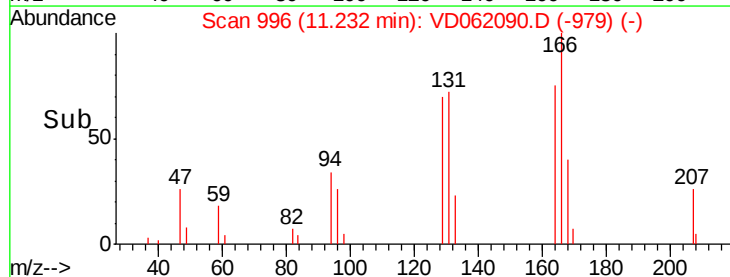
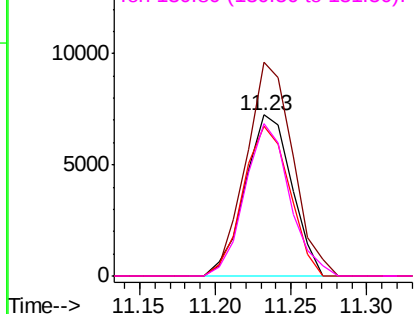


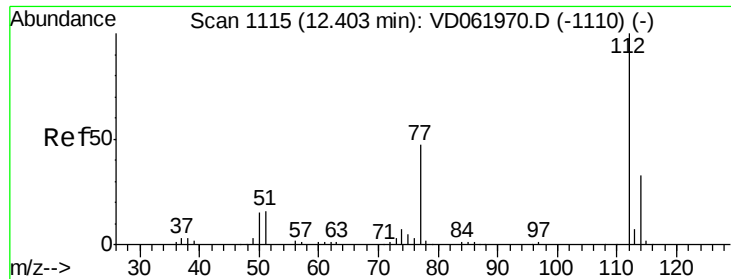
#64
Tetrachloroethene
Concen: 2.759 ug/l
RT: 11.23 min Scan# 996
Delta R.T. -0.03 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tgt Ion:164 Resp: 15623
Ion Ratio Lower Upper
164 100
166 132.8 101.5 152.3
129 93.0 74.6 112.0
131 95.1 72.6 108.8



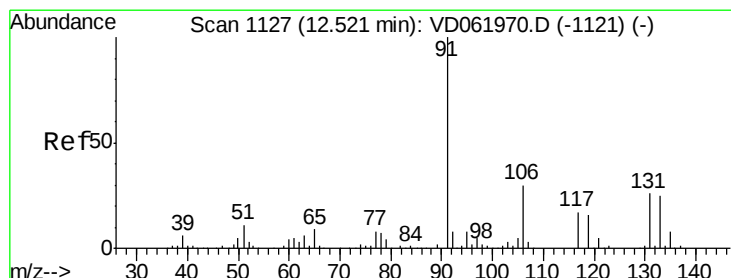
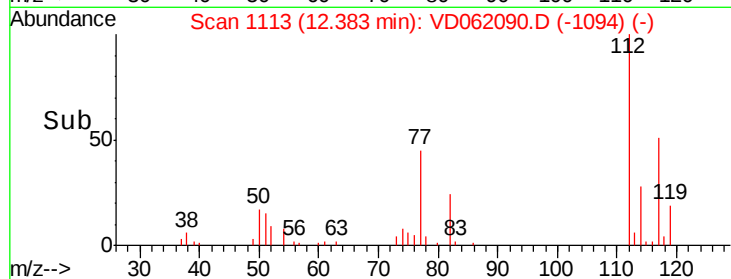
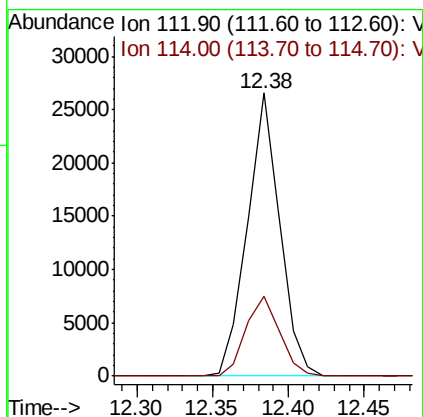
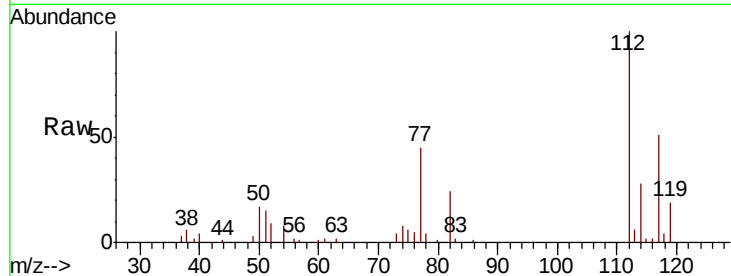
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





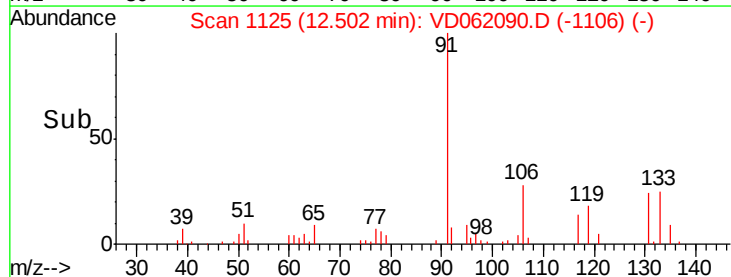
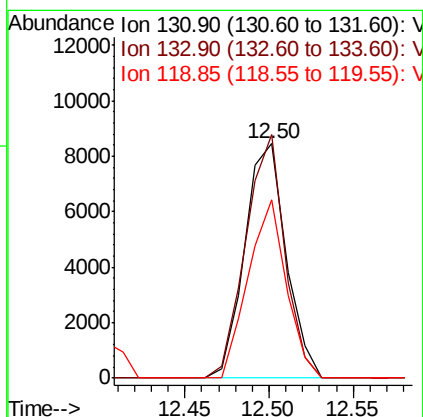
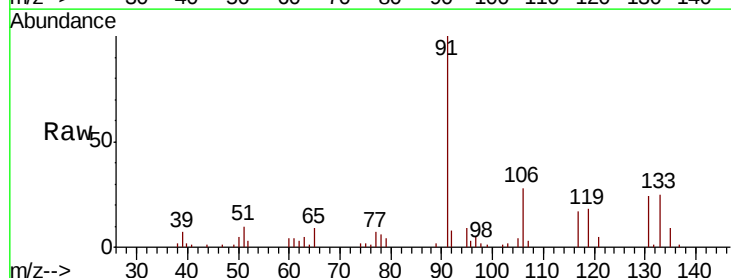
#65
Chlorobenzene
Concen: 2.664 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

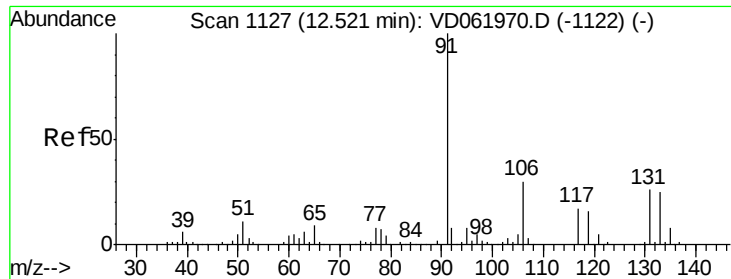
Tot Ion:112 Resp: 39960
Ion Ratio Lower Upper
112 100
114 28.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 2.266 ug/l
RT: 12.50 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

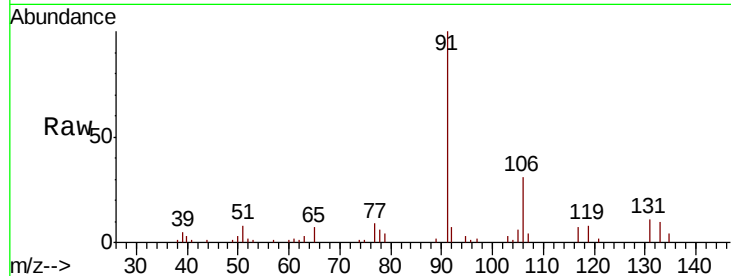
Tgt Ion:131 Resp: 14416
Ion Ratio Lower Upper
131 100
133 103.9 48.6 145.8
119 76.3 34.7 104.1



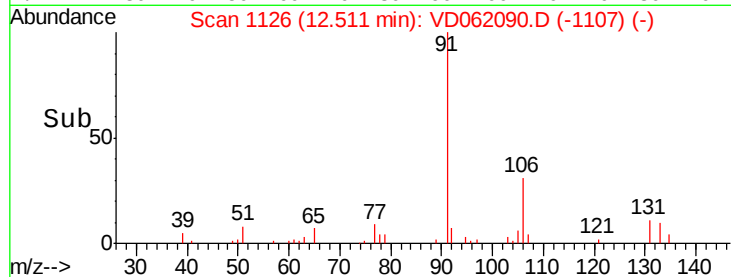
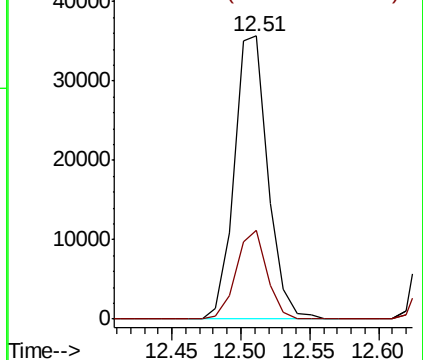


#67
Ethyl Benzene
Concen: 2.472 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.01 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tot Ion: 91 Resp: 60499
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1

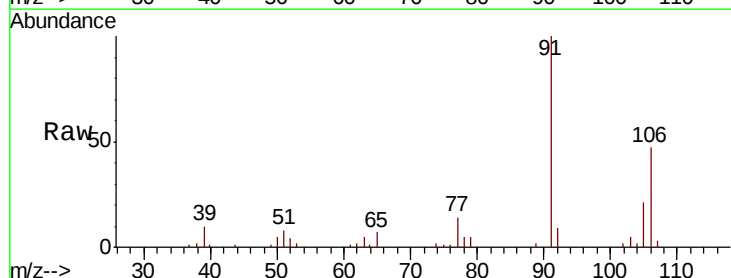


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

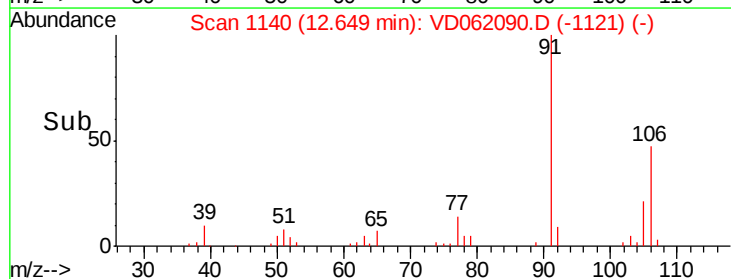
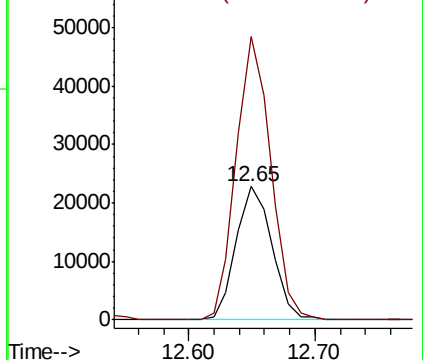


#68
m/p-Xylenes
Concen: 5.085 ug/l
RT: 12.65 min Scan# 1140
Delta R.T. -0.01 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tgt Ion: 106 Resp: 44992
Ion Ratio Lower Upper
106 100
91 212.4 164.0 246.0



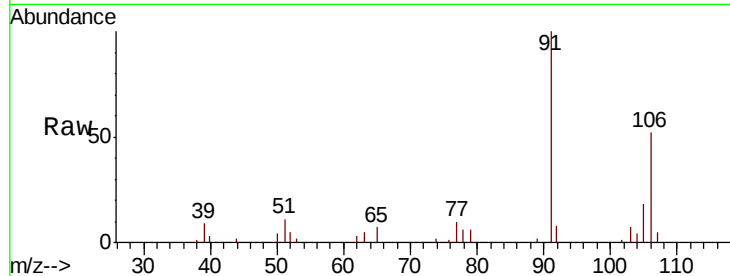
Abundance Ion 106.05 (105.75 to 106.75): VDC
Ion 91.00 (90.70 to 91.70): VDC



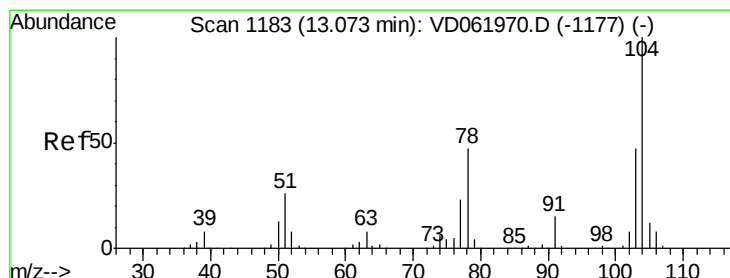
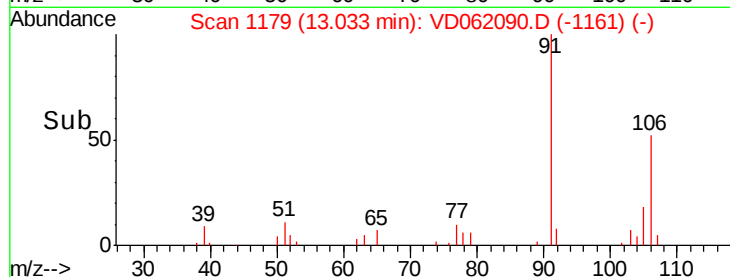
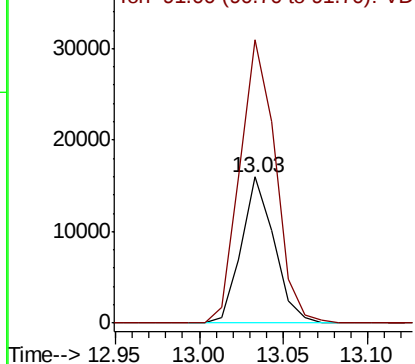


#69
o-Xylene
Concen: 2.658 ug/l
RT: 13.03 min Scan# 1179
Delta R.T. -0.02 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tot Ion:106 Resp: 21516
Ion Ratio Lower Upper
106 100
91 194.1 106.7 319.9

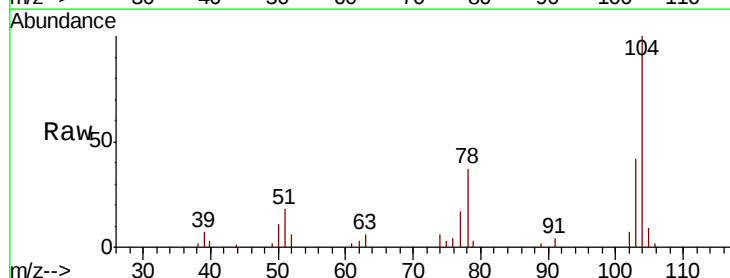


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

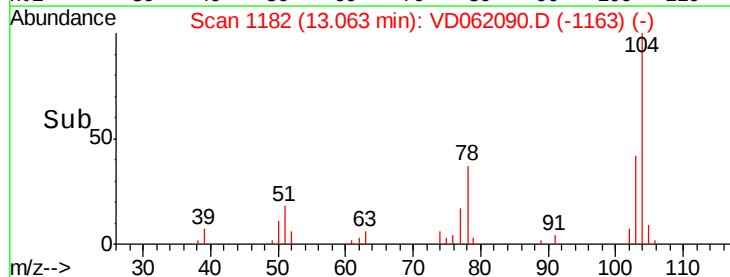
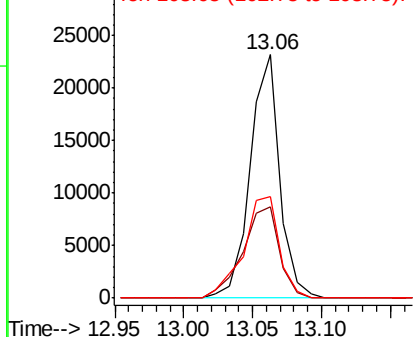


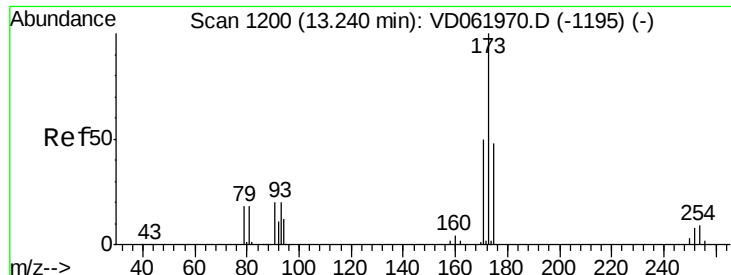
#70
Styrene
Concen: 2.478 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tgt Ion:104 Resp: 34633
Ion Ratio Lower Upper
104 100
78 37.4 35.4 53.2
103 41.8 37.5 56.3



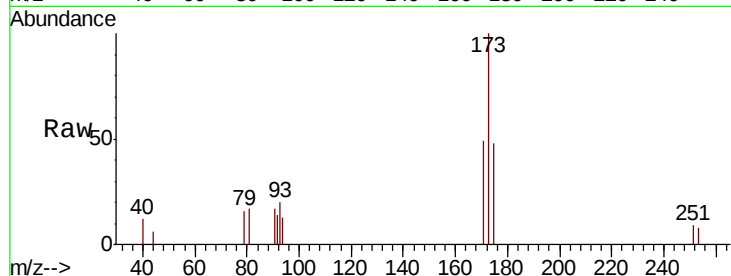
Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V



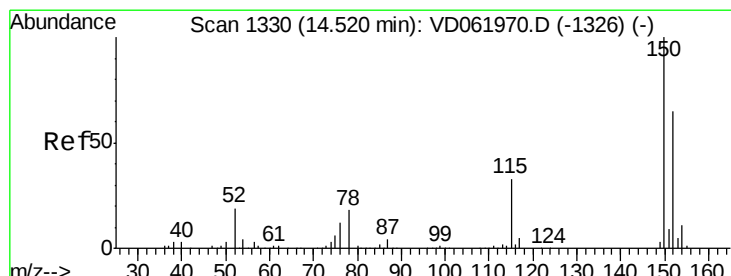
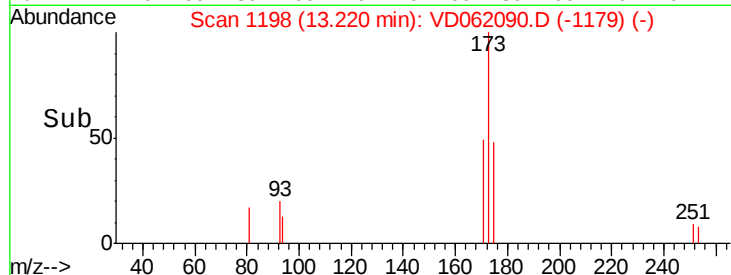
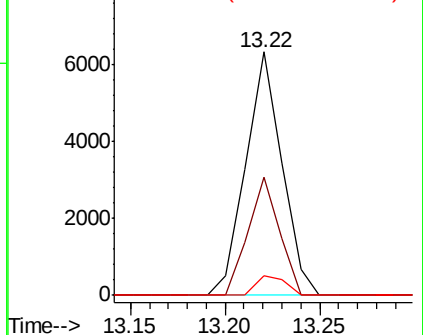


#71
Bromoform
Concen: 2.316 ug/l
RT: 13.22 min Scan# 1198
Delta R.T. -0.01 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tot Ion:173 Resp: 8401
Ion Ratio Lower Upper
173 100
175 48.3 24.4 73.4
254 7.8 5.4 8.2

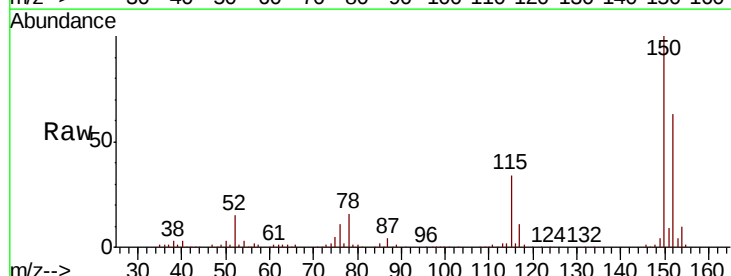


Abundance Ion 172.80 (172.50 to 173.50): V
Ion 174.80 (174.50 to 175.50): V
Ion 253.70 (253.40 to 254.40): V

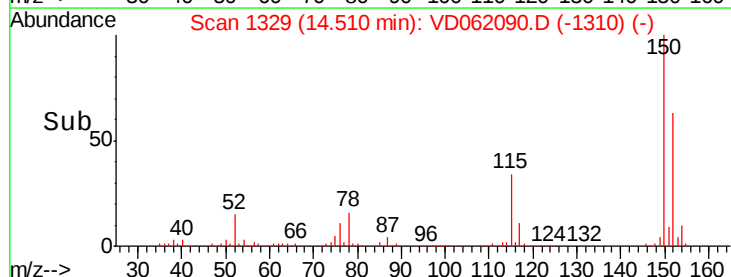
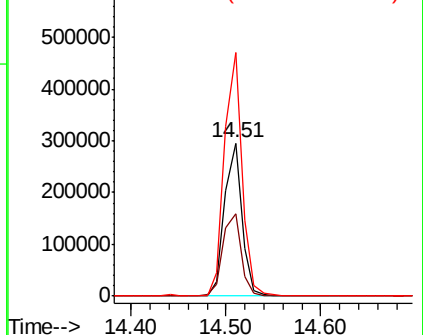


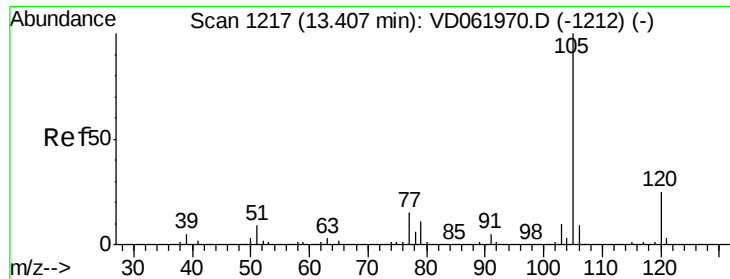
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tgt Ion:152 Resp: 377663
Ion Ratio Lower Upper
152 100
115 53.7 30.9 92.7
150 158.9 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: 2.523 ug/l

RT: 13.39 min Scan# 1215

Delta R.T. -0.01 min

Lab File: VD062090.D

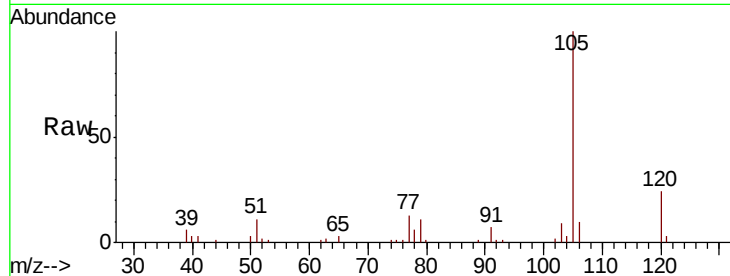
Acq: 30 Apr 2019 16:33

Tot Ion: 105 Resp: 63571

Ion Ratio Lower Upper

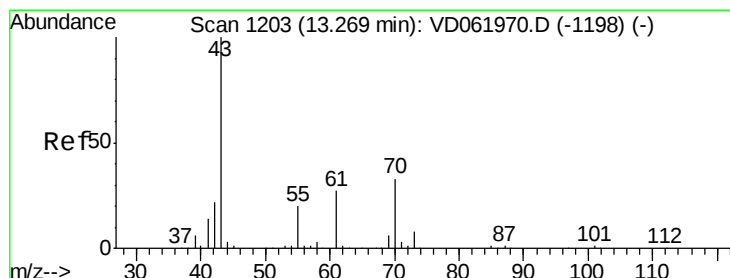
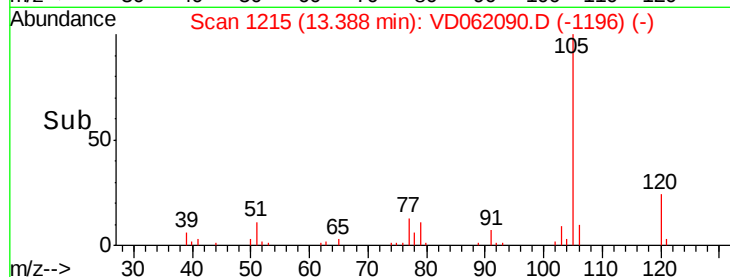
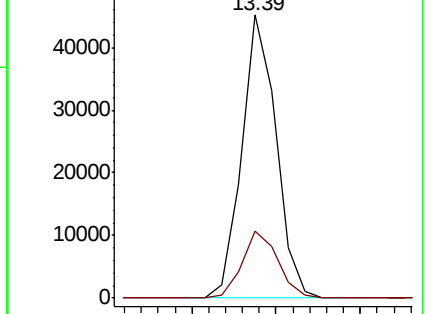
105 100

120 23.8 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: 2.123 ug/l

RT: 13.25 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

Tgt Ion: 43 Resp: 13774

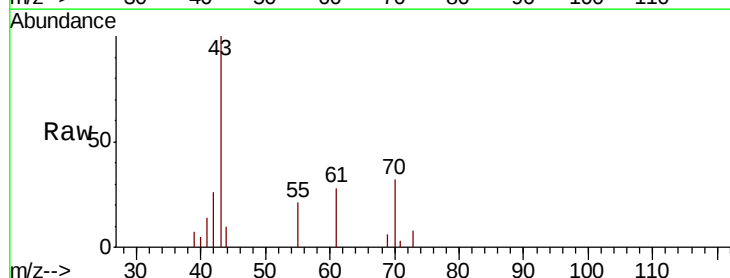
Ion Ratio Lower Upper

43 100

70 32.3 24.2 36.4

55 21.1 16.0 24.0

61 27.8 21.6 32.4

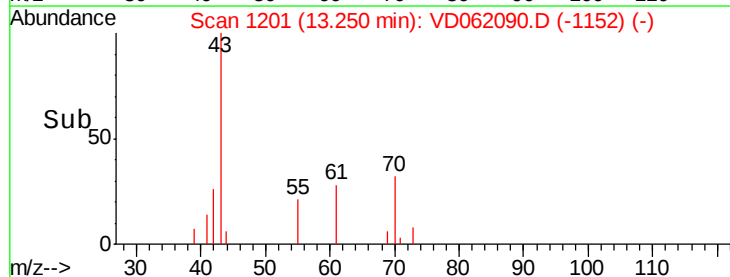
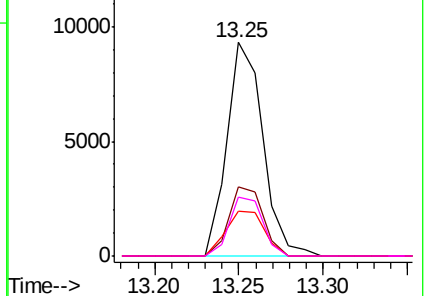


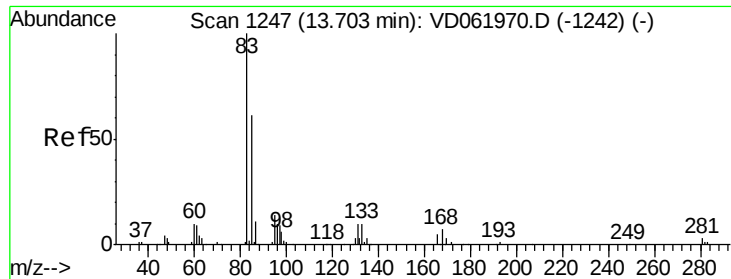
Abundance Ion 42.95 (42.65 to 43.65): V

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: 2.195 ug/l

RT: 13.68 min Scan# 1245

Delta R.T. -0.01 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

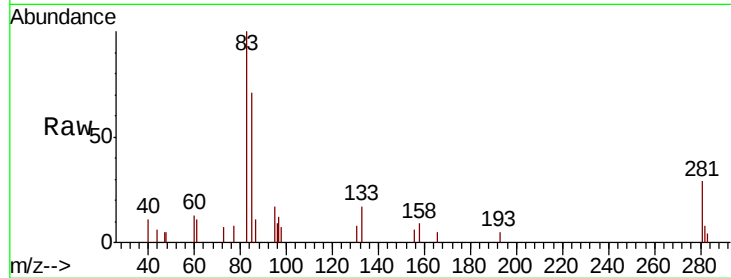
Tot Ion: 83 Resp: 10838

Ion Ratio Lower Upper

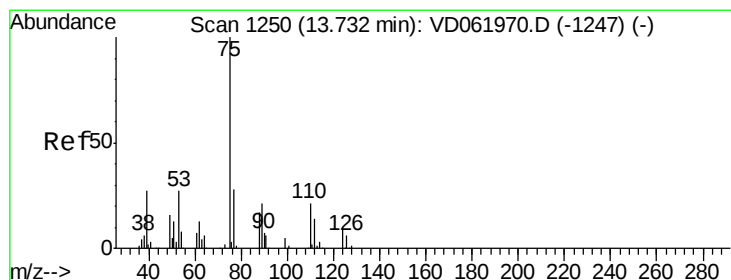
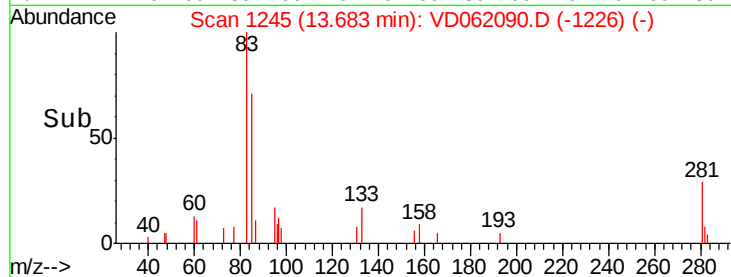
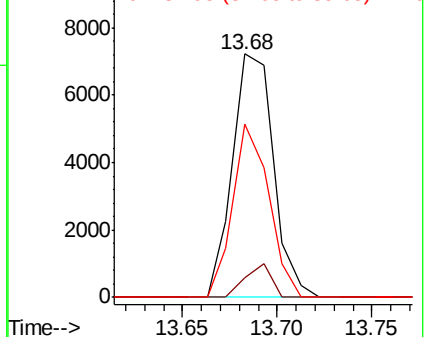
83 100

131 8.1 5.0 14.9

85 71.4 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: 2.415 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VD062090.D

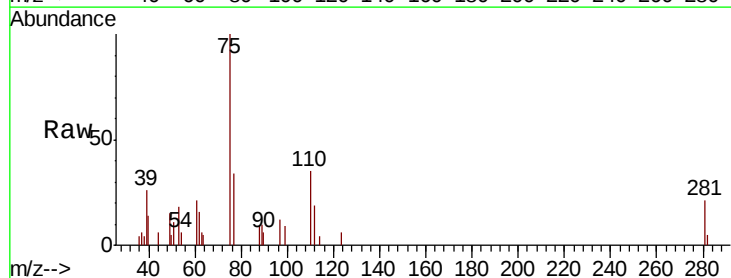
Acq: 30 Apr 2019 16:33

Tgt Ion: 75 Resp: 11581

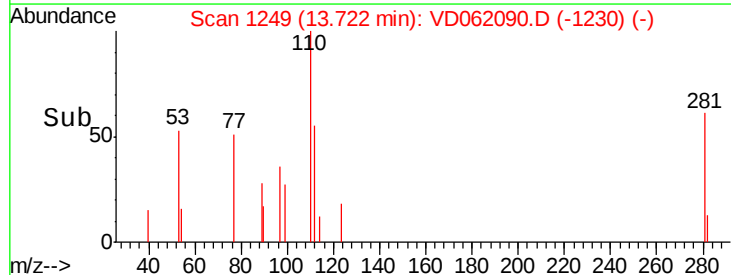
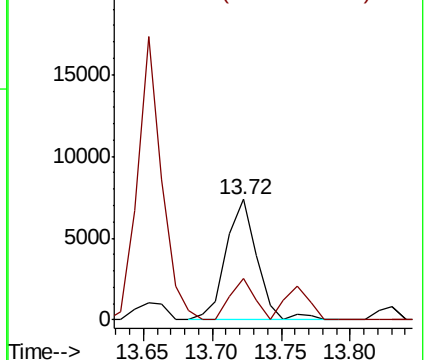
Ion Ratio Lower Upper

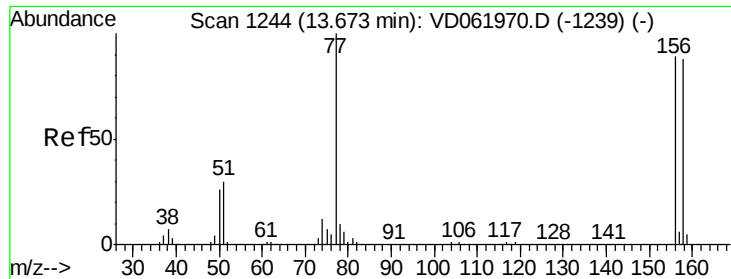
75 100

77 34.2 16.4 49.4



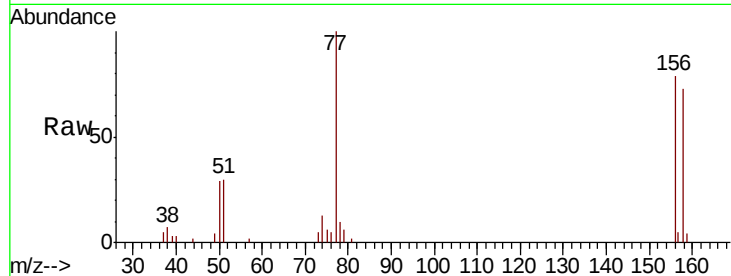
Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 76.95 (76.65 to 77.65): VDC



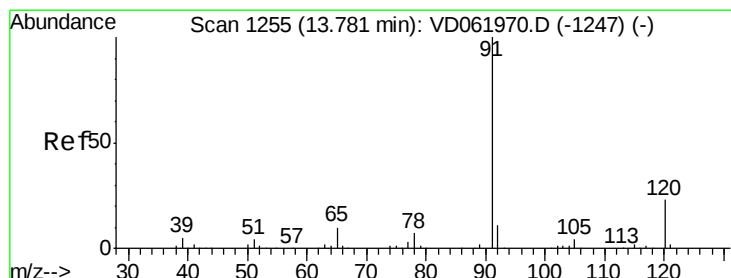
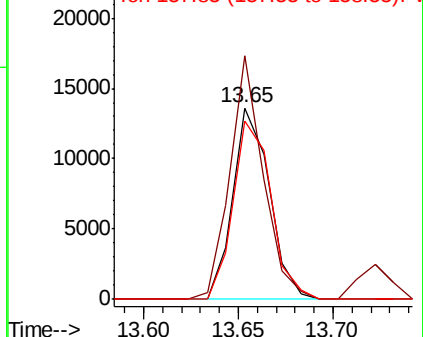
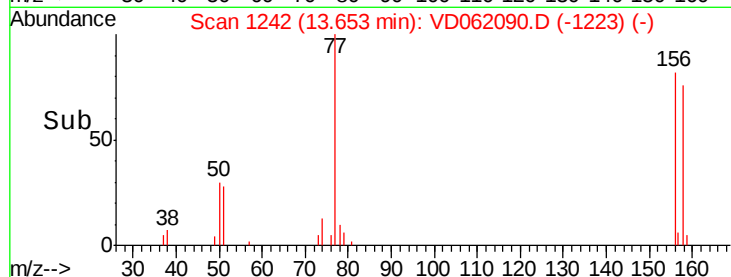


#77
Bromobenzene
Concen: 2.503 ug/l
RT: 13.65 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tot Ion:156 Resp: 18086
Ion Ratio Lower Upper
156 100
77 127.1 53.1 159.4
158 93.3 49.4 148.0

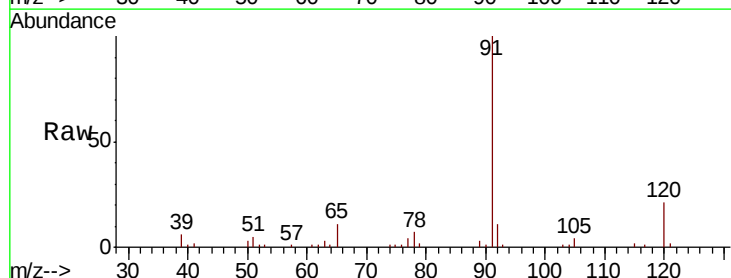


Abundance Ion 155.90 (155.60 to 156.60): V
Ion 76.95 (76.65 to 77.65): V
Ion 157.85 (157.55 to 158.55): V

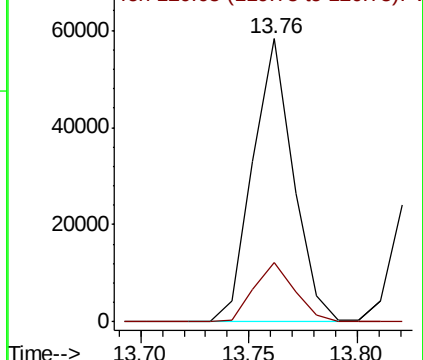
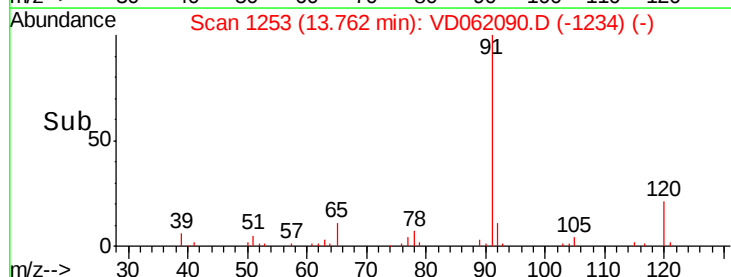


#78
n-propylbenzene
Concen: 2.612 ug/l
RT: 13.76 min Scan# 1253
Delta R.T. -0.01 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tgt Ion: 91 Resp: 75333
Ion Ratio Lower Upper
91 100
120 20.9 11.1 33.1



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





#79

2-Chlorotoluene

Concen: 2.207 ug/l

RT: 13.83 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VD062090.D

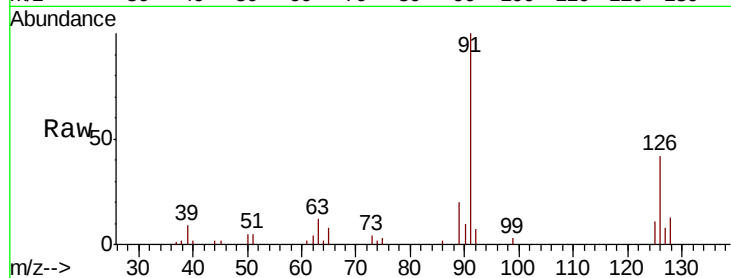
Acq: 30 Apr 2019 16:33

Tot Ion: 91 Resp: 38553

Ion Ratio Lower Upper

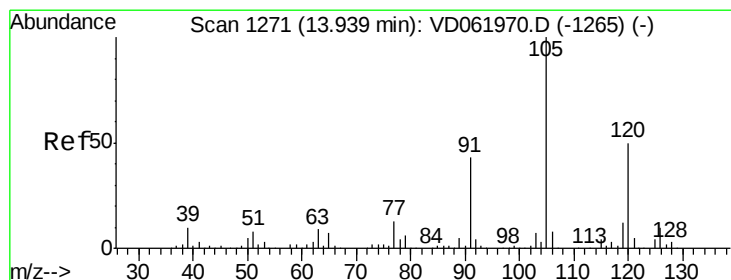
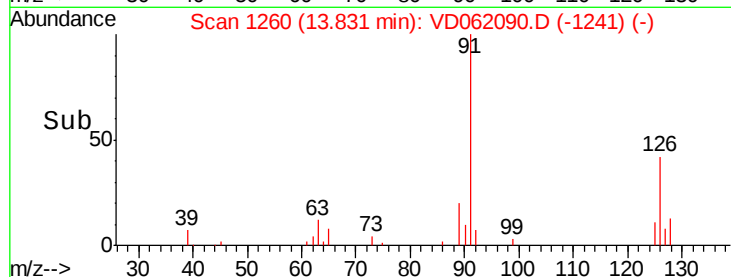
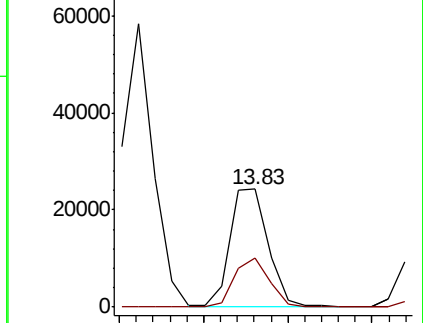
91 100

126 41.5 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: 2.700 ug/l

RT: 13.92 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD062090.D

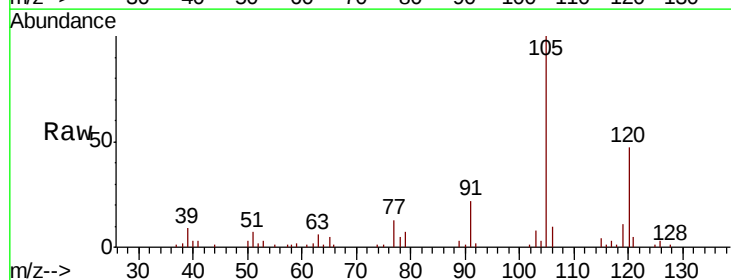
Acq: 30 Apr 2019 16:33

Tgt Ion: 105 Resp: 54228

Ion Ratio Lower Upper

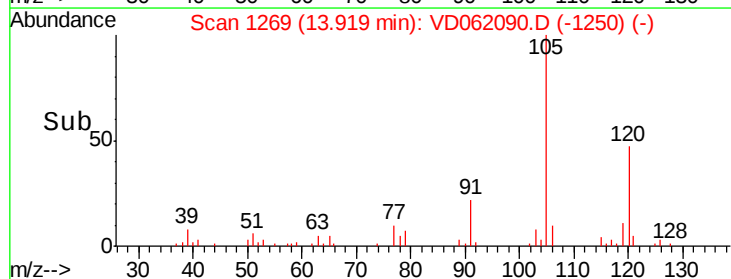
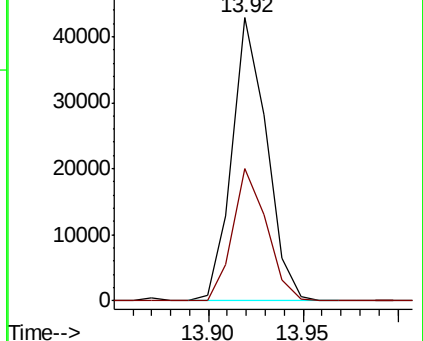
105 100

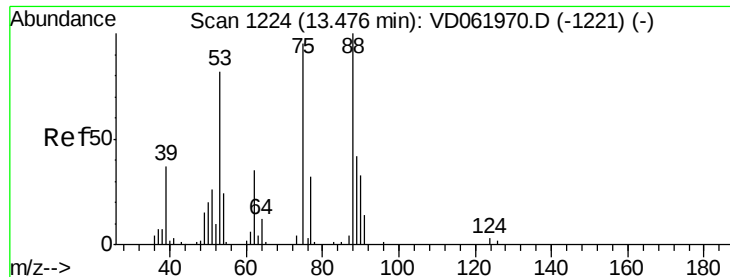
120 46.7 24.0 72.0



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: 81.658 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. 0.06 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

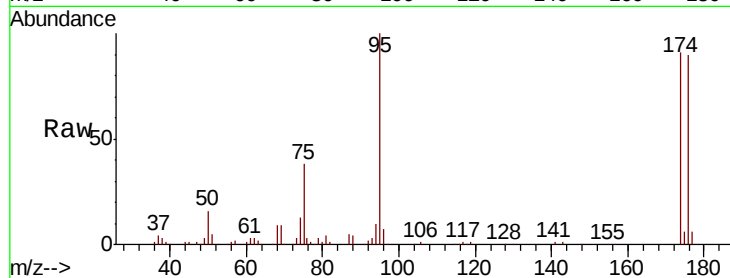
Tot Ion: 75 Resp: 118674

Ion Ratio Lower Upper

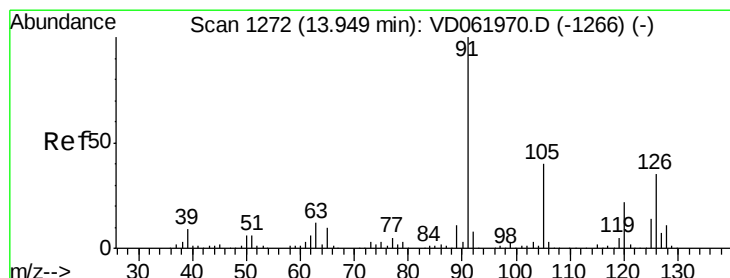
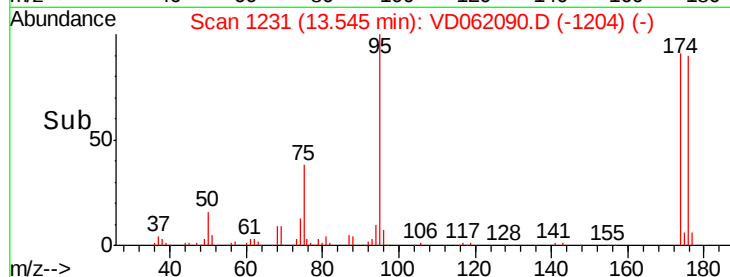
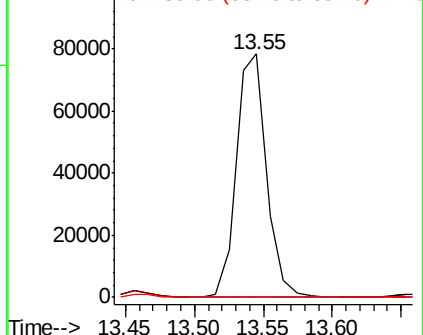
75 100

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: 2.737 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VD062090.D

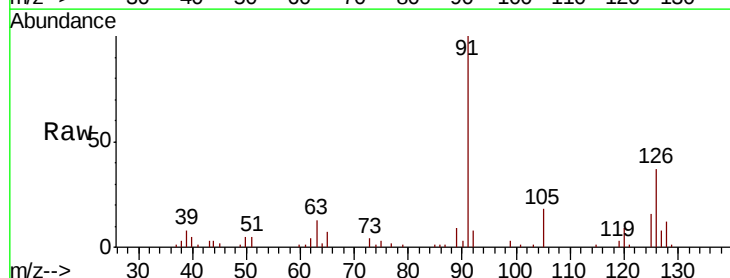
Acq: 30 Apr 2019 16:33

Tgt Ion: 91 Resp: 52647

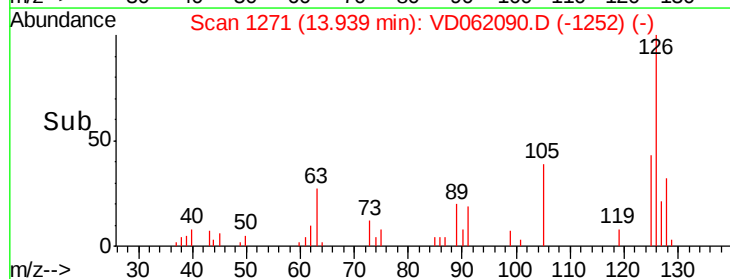
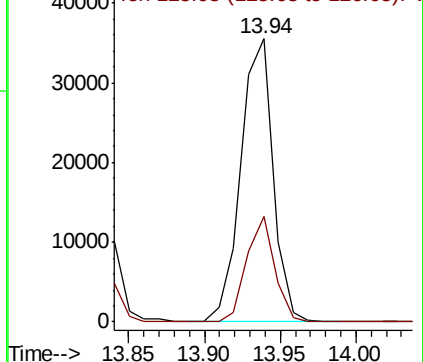
Ion Ratio Lower Upper

91 100

126 37.2 19.1 57.5



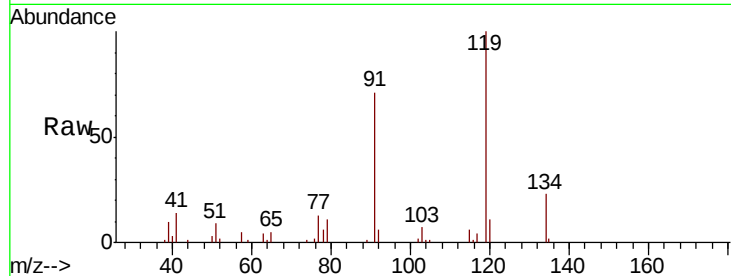
Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.95 (125.65 to 126.65): V



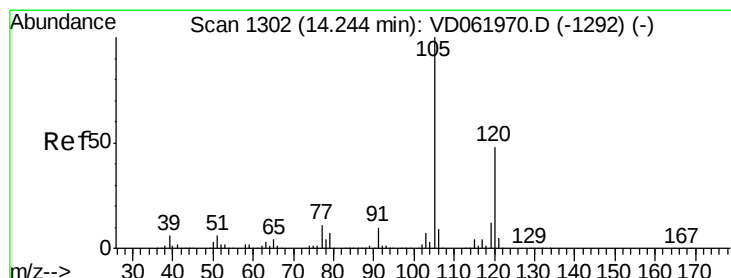
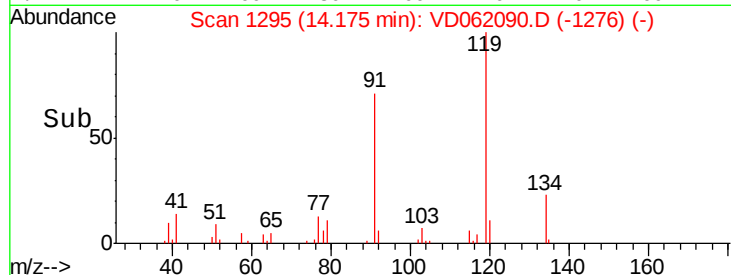
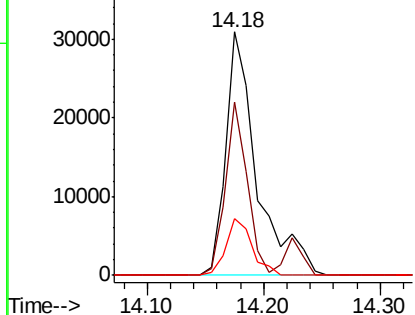


#83
 tert-Butylbenzene
 Concen: 2.463 ug/l
 RT: 14.18 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: VD062090.D
 Acq: 30 Apr 2019 16:33

Tot Ion:119	Resp:	57317	
Ion Ratio	Lower	Upper	
119 100			
91 71.0	34.2	102.6	
134 23.2	12.0	36.0	

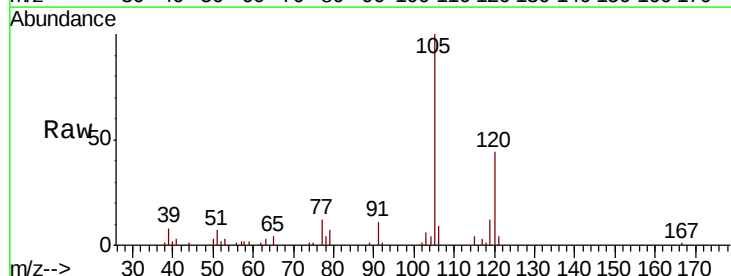


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

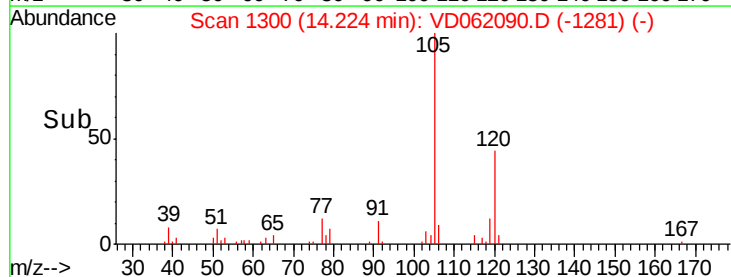
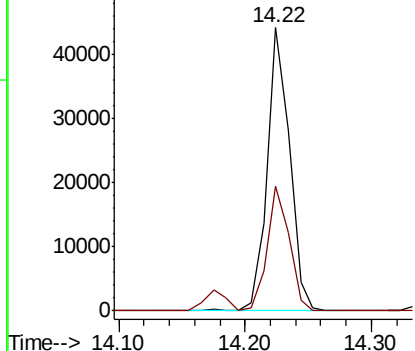


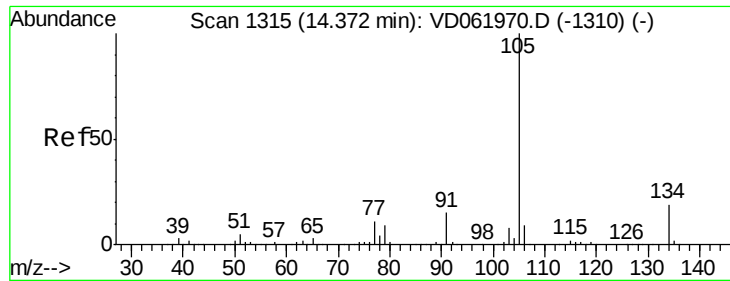
#84
 1,2,4-Trimethylbenzene
 Concen: 2.847 ug/l
 RT: 14.22 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: VD062090.D
 Acq: 30 Apr 2019 16:33

Tgt	Ion:105	Resp:	54614
Ion	Ratio	Lower	Upper
105	100		
120	43.9	23.1	69.2



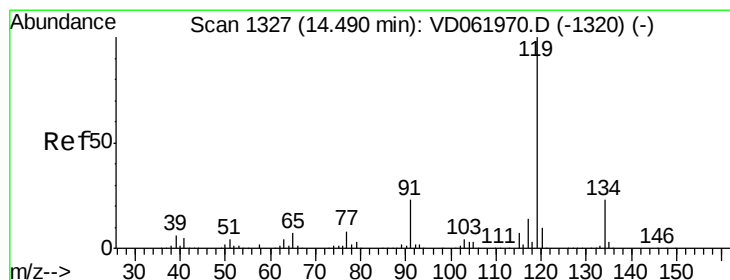
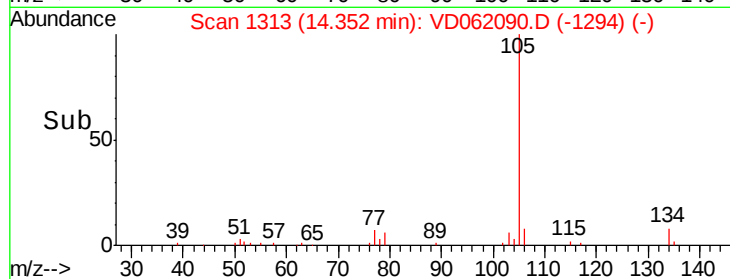
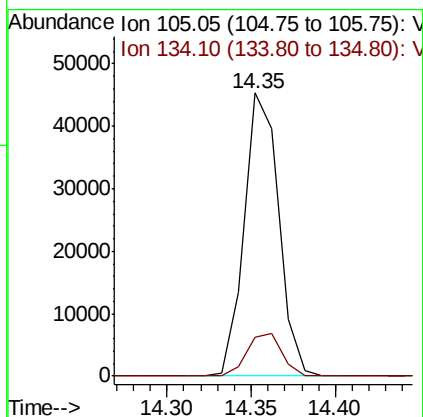
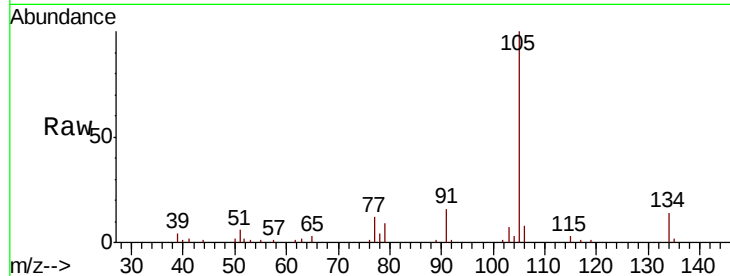
Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





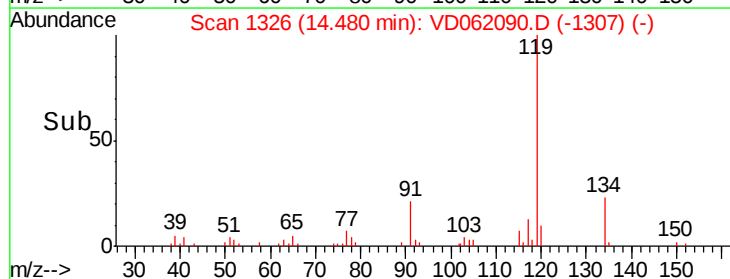
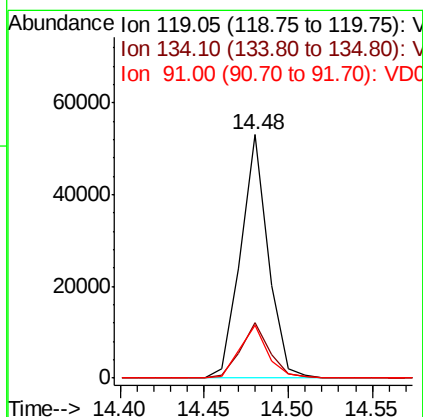
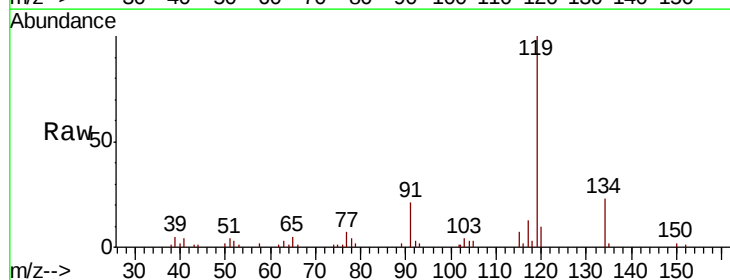
#85
 sec-Butylbenzene
 Concen: 2.562 ug/l
 RT: 14.35 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: VD062090.D
 Acq: 30 Apr 2019 16:33

Tot Ion:105 Resp: 64428
 Ion Ratio Lower Upper
 105 100
 134 13.8 8.9 26.7



#86
 p-Isopropyltoluene
 Concen: 2.672 ug/l
 RT: 14.48 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: VD062090.D
 Acq: 30 Apr 2019 16:33

Tgt Ion:119 Resp: 60135
 Ion Ratio Lower Upper
 119 100
 134 22.6 12.8 38.3
 91 21.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 2.437 ug/l

RT: 14.44 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

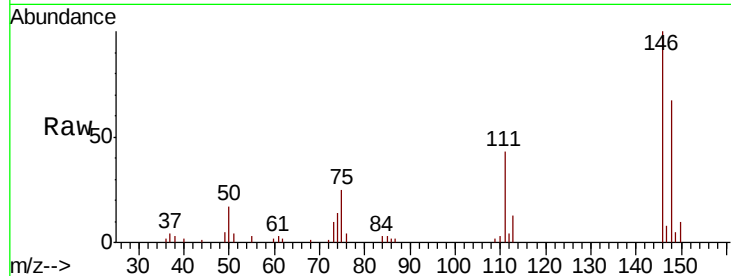
Tot Ion:146 Resp: 30848

Ion Ratio Lower Upper

146 100

111 42.8 20.0 60.0

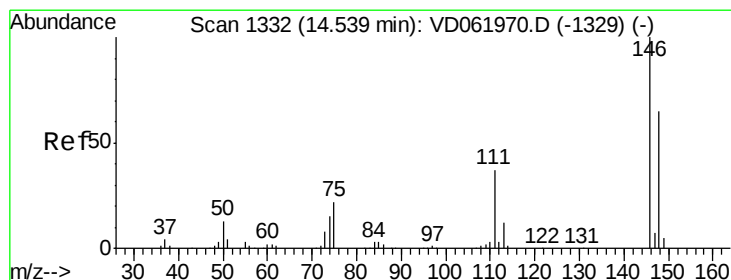
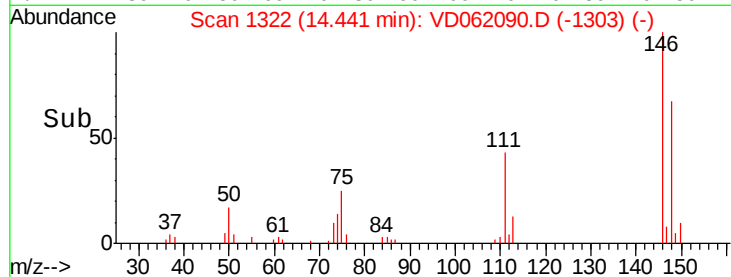
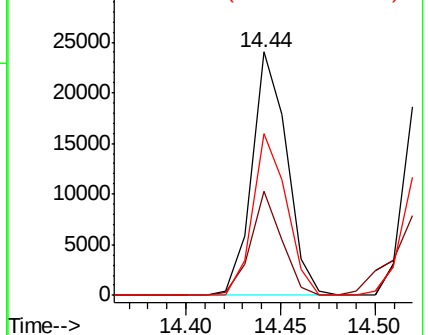
148 66.5 31.8 95.4



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: 2.536 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. -0.01 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

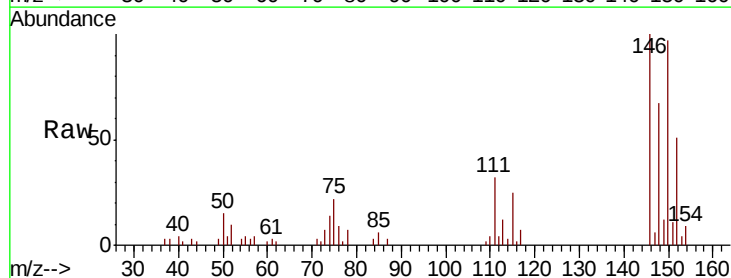
Tgt Ion:146 Resp: 30014

Ion Ratio Lower Upper

146 100

111 31.9 20.2 60.5

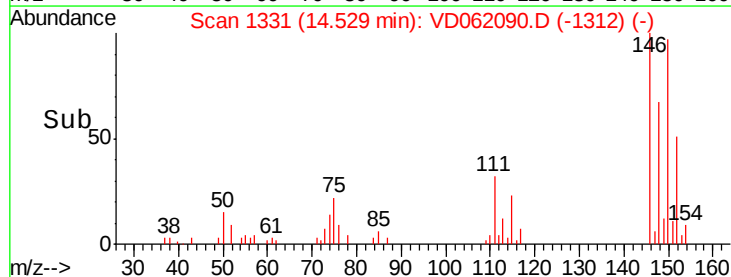
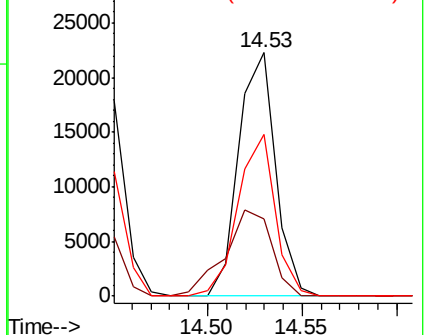
148 66.6 32.0 96.2

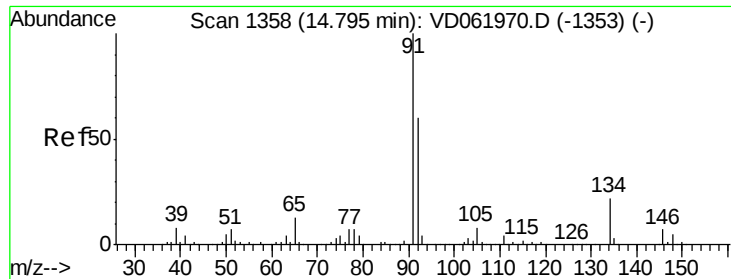


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

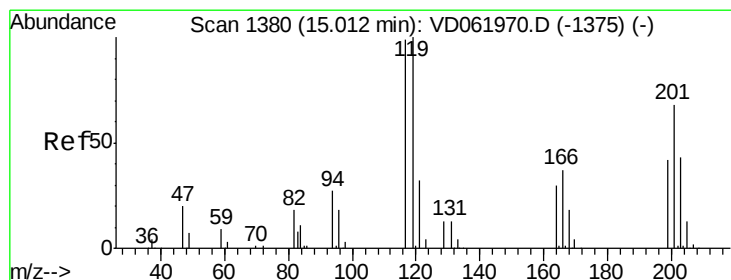
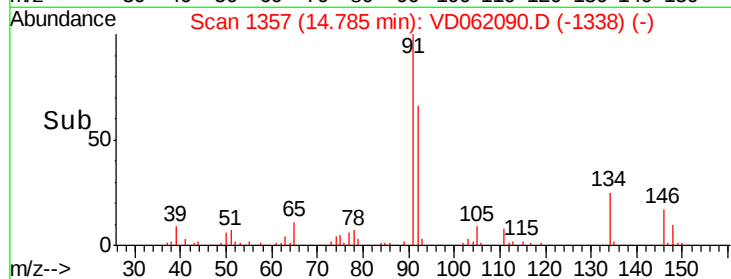
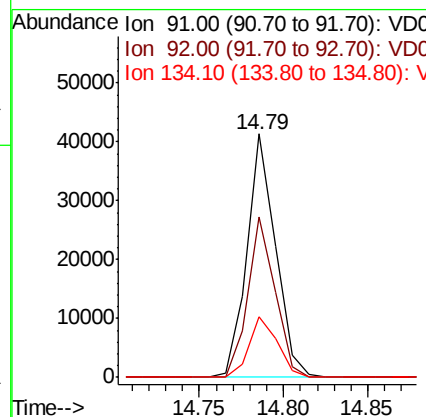
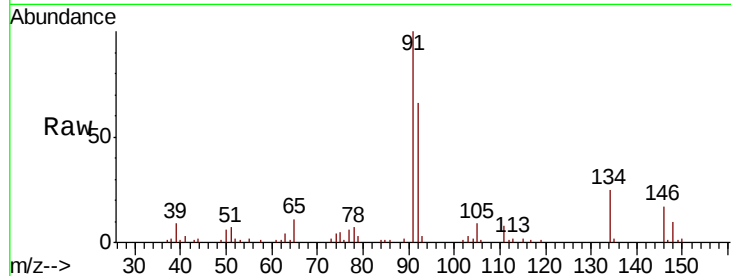
Ion 147.90 (147.60 to 148.60): V





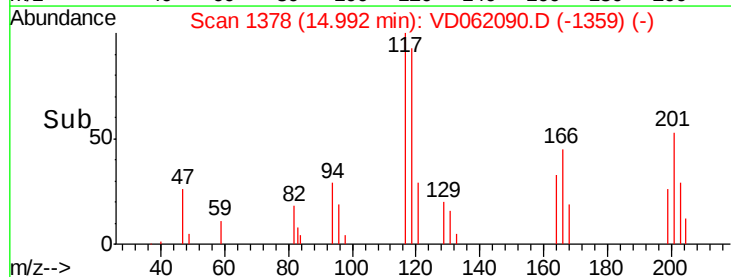
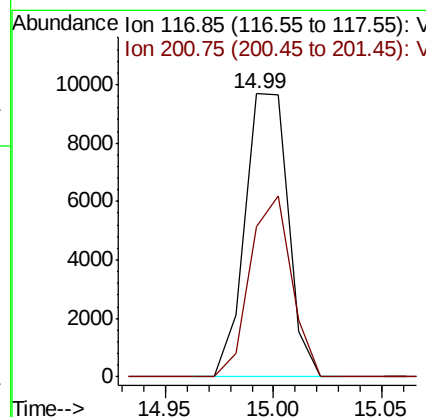
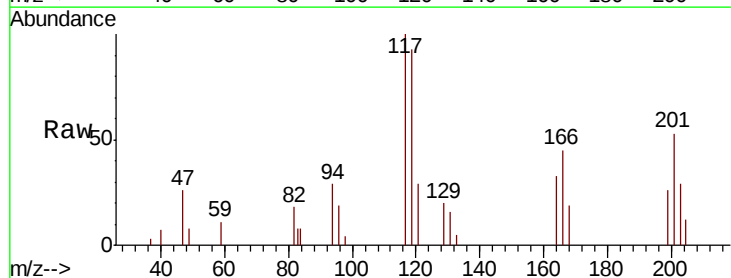
#89
n-Butylbenzene
Concen: 2.406 ug/l
RT: 14.79 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tot Ion: 91 Resp: 48611
Ion Ratio Lower Upper
91 100
92 65.7 30.3 91.0
134 24.9 14.5 43.6



#90
Hexachloroethane
Concen: 2.234 ug/l
RT: 14.99 min Scan# 1378
Delta R.T. -0.01 min
Lab File: VD062090.D
Acq: 30 Apr 2019 16:33

Tgt Ion: 117 Resp: 13594
Ion Ratio Lower Upper
117 100
201 53.3 30.2 90.6





#91

1,2-Dichlorobenzene

Concen: 2.347 ug/l

RT: 14.80 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

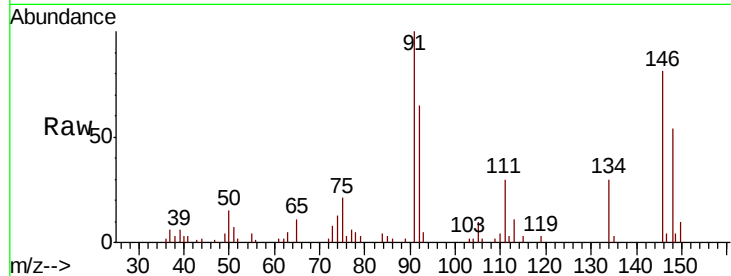
Tot Ion:146 Resp: 24504

Ion Ratio Lower Upper

146 100

111 35.3 20.0 59.9

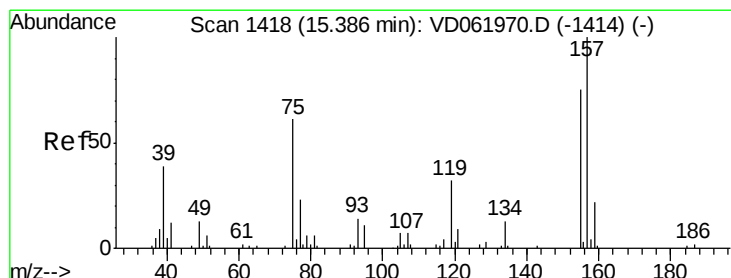
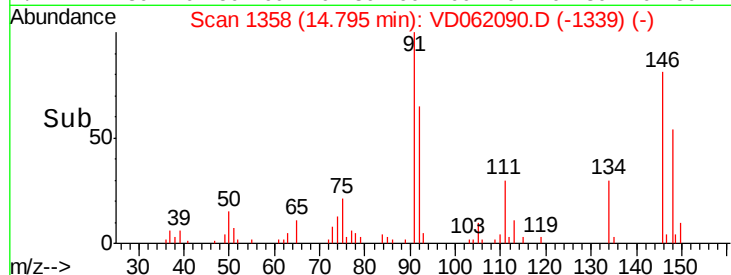
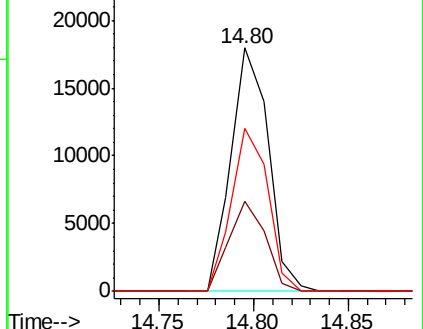
148 63.7 32.3 96.8



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: 4.379 ug/l

RT: 15.37 min Scan# 1416

Delta R.T. -0.01 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

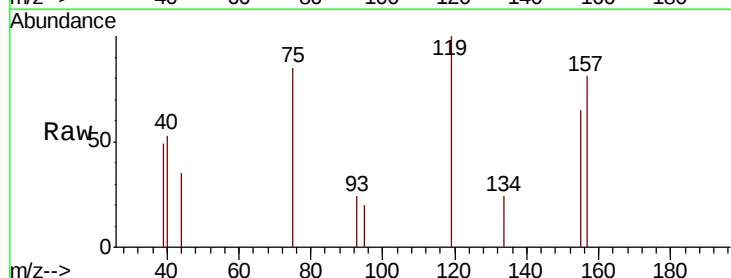
Tgt Ion: 75 Resp: 1341

Ion Ratio Lower Upper

75 100

155 76.9 55.3 165.8

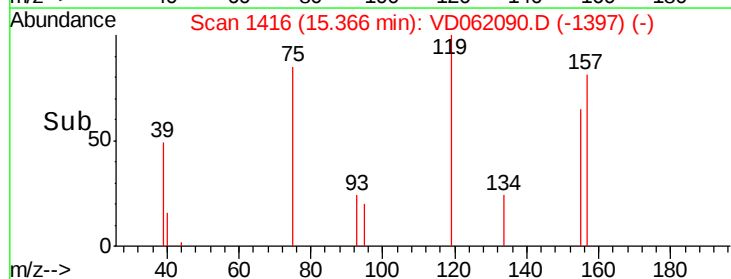
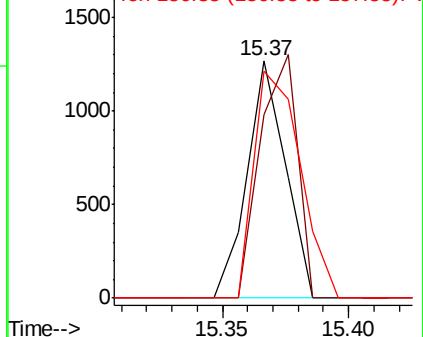
157 95.3 67.8 203.2

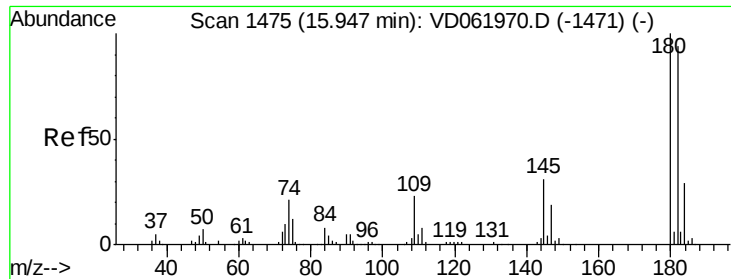


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

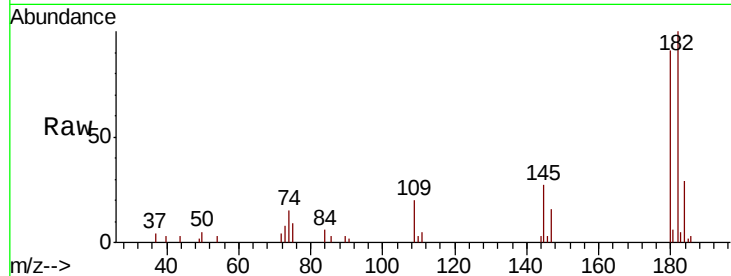
Ion 156.85 (156.55 to 157.55): V



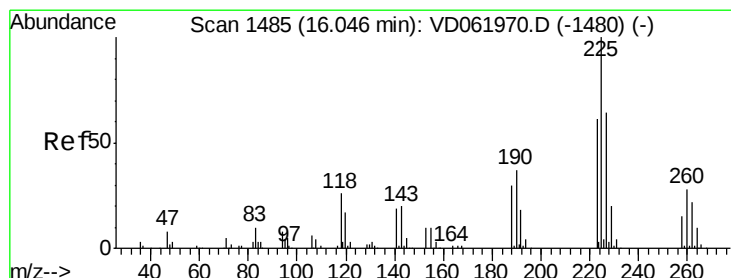
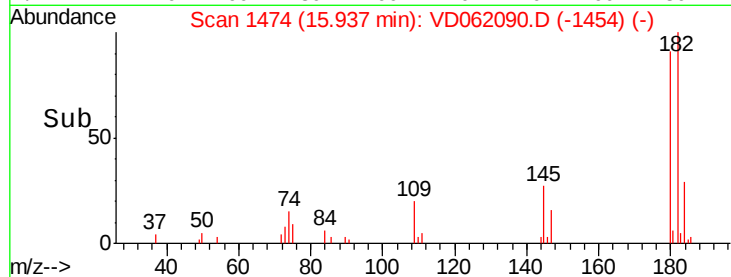
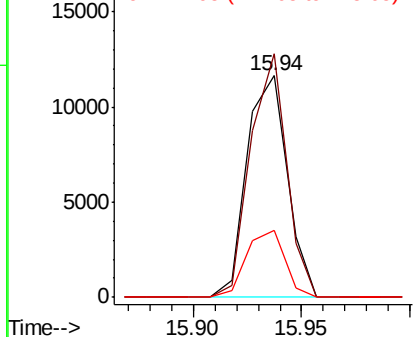


#93
 1,2,4-Trichlorobenzene
 Concen: 2.669 ug/l
 RT: 15.94 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: VD062090.D
 Acq: 30 Apr 2019 16:33

Tot Ion	Ratio	Lower	Upper
180	100		
182	109.9	49.3	147.8
145	30.0	16.2	48.6

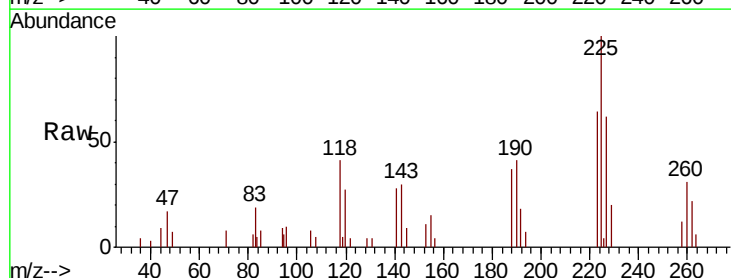


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

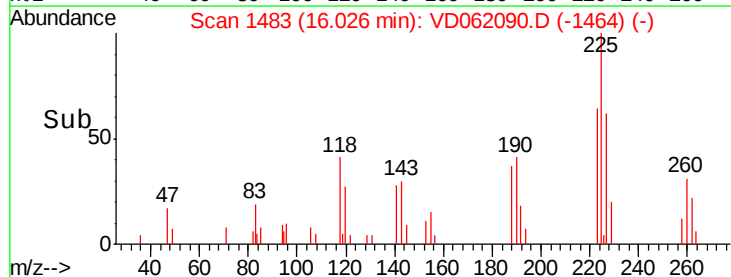
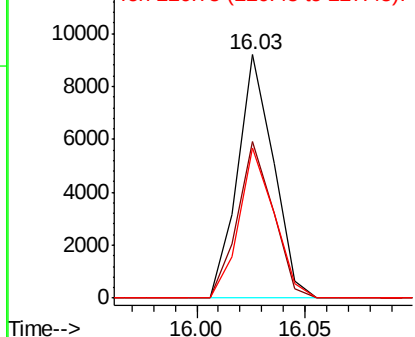


#94
 Hexachlorobutadiene
 Concen: 2.571 ug/l
 RT: 16.03 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: VD062090.D
 Acq: 30 Apr 2019 16:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	30.6	92.0
227	61.8	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: 2.969 ug/l

RT: 16.11 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

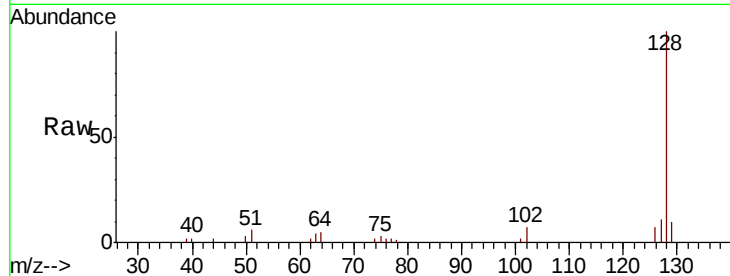
Tot Ion:128 Resp: 27002

Ion Ratio Lower Upper

128 100

127 10.8 9.8 14.8

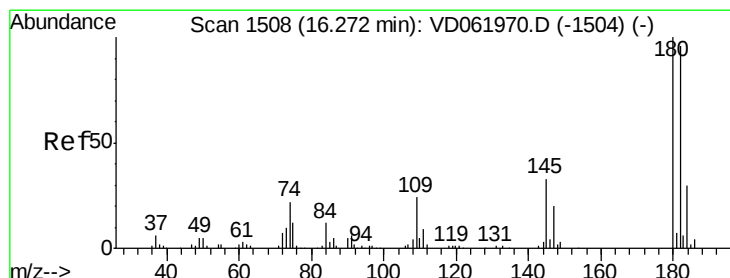
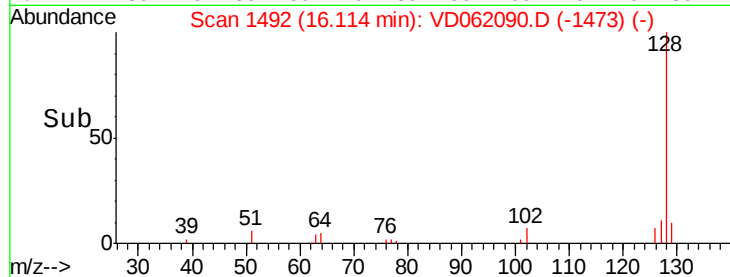
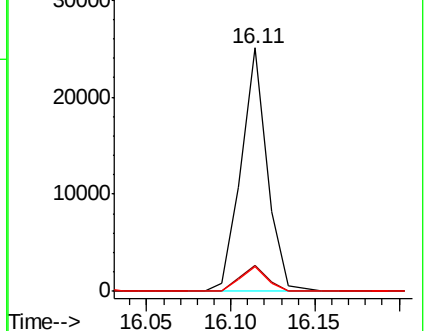
129 10.2 8.8 13.2



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: 2.918 ug/l

RT: 16.26 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VD062090.D

Acq: 30 Apr 2019 16:33

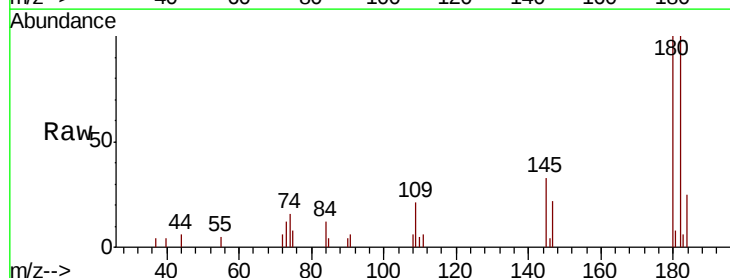
Tgt Ion:180 Resp: 9327

Ion Ratio Lower Upper

180 100

182 100.0 47.0 141.0

145 32.7 17.0 51.0



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

