

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031319\
 Data File : VD061036.D
 Acq On : 13 Mar 2019 12:05
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 14 01:58:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	720453	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	1177723	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	971917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	414294	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	284949	47.52	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	95.04%	
35) Dibromofluoromethane	6.91	113	454555	52.01	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	104.02%	
50) Toluene-d8	10.40	98	1134166	51.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	13.55	95	439565	51.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	340853	47.762	ug/l	98
3) Chloromethane	1.76	50	259341	43.624	ug/l	95
4) Vinyl Chloride	1.85	62	250303	45.565	ug/l	98
5) Bromomethane	2.15	94	57103	61.418	ug/l	90
6) Chloroethane	2.27	64	85492	51.994	ug/l	90
7) Trichlorofluoromethane	2.53	101	366487	46.441	ug/l	97
8) Diethyl Ether	2.87	74	127112	48.827	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.14	101	417488	47.320	ug/l	100
10) Methyl Iodide	3.30	142	590817	48.707	ug/l	98
11) Tert butyl alcohol	4.05	59	100135	262.287	ug/l	96
12) 1,1-Dichloroethene	3.12	96	350739	48.499	ug/l	97
13) Acrolein	3.03	56	127193	230.257	ug/l	98
14) Allyl chloride	3.62	41	527259	45.567	ug/l	94
15) Acrylonitrile	4.19	53	341053	252.759	ug/l	97
16) Acetone	3.21	43	450462	262.679	ug/l	100
17) Carbon Disulfide	3.37	76	1198519	49.129	ug/l	100
18) Methyl Acetate	3.64	43	159517	47.266	ug/l	93
19) Methyl tert-butyl Ether	4.23	73	673622	53.150	ug/l	99
20) Methylene Chloride	3.81	84	380441	48.517	ug/l	95
21) trans-1,2-Dichloroethene	4.21	96	403433	51.540	ug/l	96
22) Diisopropyl ether	5.11	45	1188794	49.491	ug/l	99
23) Vinyl Acetate	5.04	43	3056913	247.912	ug/l	100
24) 1,1-Dichloroethane	4.97	63	669586	50.878	ug/l	98
25) 2-Butanone	6.06	43	501812	257.880	ug/l	98
26) 2,2-Dichloropropane	6.01	77	530645	51.649	ug/l	100
27) cis-1,2-Dichloroethene	6.03	96	420887	50.679	ug/l	98
28) Bromochloromethane	6.42	49	266096	47.760	ug/l	98
29) Tetrahydrofuran	6.44	42	242007	229.037	ug/l	96
30) Chloroform	6.65	83	660263	48.406	ug/l	100
31) Cyclohexane	6.94	56	546331	51.483	ug/l	96
32) 1,1,1-Trichloroethane	6.85	97	596761	50.606	ug/l	99
36) 1,1-Dichloropropene	7.14	75	501279	49.378	ug/l	99
37) Ethyl Acetate	6.17	43	240070	50.394	ug/l	98
38) Carbon Tetrachloride	7.10	117	602615	53.889	ug/l	100

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

39) Methylcyclohexane	8.85	83	523852	49.765	ug/l	97
40) Benzene	7.45	78	1206893	47.578	ug/l	99
41) Methacrylonitrile	6.42	41	267821	48.877	ug/l #	93
42) 1,2-Dichloroethane	7.56	62	389757	52.946	ug/l	98
43) Isopropyl Acetate	9.23	43	319685	48.451	ug/l	98
44) Trichloroethene	8.53	130	462282	52.824	ug/l	99
45) 1,2-Dichloropropane	8.92	63	343547	51.549	ug/l	98
46) Dibromomethane	9.05	93	218993	51.803	ug/l	97
47) Bromodichloromethane	9.36	83	495345	51.925	ug/l	99
48) Methyl methacrylate	9.11	41	194421	52.334	ug/l	96
49) 1,4-Dioxane	9.06	88	39637	1055.148	ug/l	97
51) 4-Methyl-2-Pentanone	10.29	43	1004167	248.421	ug/l	96
52) Toluene	10.50	92	809421	51.313	ug/l	97
53) t-1,3-Dichloropropene	10.90	75	452348	51.858	ug/l	99
54) cis-1,3-Dichloropropene	10.02	75	567931	54.188	ug/l	99
55) 1,1,2-Trichloroethane	11.18	97	272456	51.866	ug/l	97
56) Ethyl methacrylate	11.03	69	288239	52.422	ug/l	96
57) 1,3-Dichloropropane	11.39	76	386067	49.179	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.85	63	690825	237.359	ug/l	96
59) 2-Hexanone	11.52	43	744131	251.664	ug/l	99
60) Dibromochloromethane	11.68	129	414329	53.593	ug/l	98
61) 1,2-Dibromoethane	11.80	107	303553	49.674	ug/l	98
64) Tetrachloroethene	11.25	164	347672	52.992	ug/l	99
65) Chlorobenzene	12.39	112	946196	49.659	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	355910	52.403	ug/l	99
67) Ethyl Benzene	12.52	91	1426657	50.294	ug/l	99
68) m/p-Xylenes	12.66	106	1161824	104.353	ug/l	98
69) o-Xylene	13.04	106	553742	50.598	ug/l	94
70) Styrene	13.07	104	856558	47.932	ug/l	98
71) Bromoform	13.22	173	221082	50.459	ug/l #	96
73) Isopropylbenzene	13.39	105	1475423	49.416	ug/l	97
74) N-amyl acetate	13.25	43	422422	50.246	ug/l	94
75) 1,1,2,2-Tetrachloroethane	13.70	83	314037	53.909	ug/l	96
76) 1,2,3-Trichloropropane	13.73	75	312099	52.362	ug/l	98
77) Bromobenzene	13.67	156	415141	54.468	ug/l	96
78) n-propylbenzene	13.77	91	1736872	49.691	ug/l	99
79) 2-Chlorotoluene	13.83	91	960832	49.930	ug/l	97
80) 1,3,5-Trimethylbenzene	14.23	105	1173560	51.775	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.46	75	94330	53.681	ug/l	97
82) 4-Chlorotoluene	13.94	91	1102198	48.449	ug/l	98
83) tert-Butylbenzene	14.18	119	1359931	54.823	ug/l	93
84) 1,2,4-Trimethylbenzene	14.23	105	1173560	51.775	ug/l	99
85) sec-Butylbenzene	14.37	105	1414161	46.698	ug/l	100
86) p-Isopropyltoluene	14.48	119	1220201	49.294	ug/l	99
87) 1,3-Dichlorobenzene	14.44	146	718856	52.820	ug/l	95
88) 1,4-Dichlorobenzene	14.53	146	680543	50.886	ug/l	98
89) n-Butylbenzene	14.79	91	1176059	49.474	ug/l	99
90) Hexachloroethane	15.00	117	365500	52.291	ug/l	72
91) 1,2-Dichlorobenzene	14.80	146	588243	51.847	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.37	75	37662	53.651	ug/l	63

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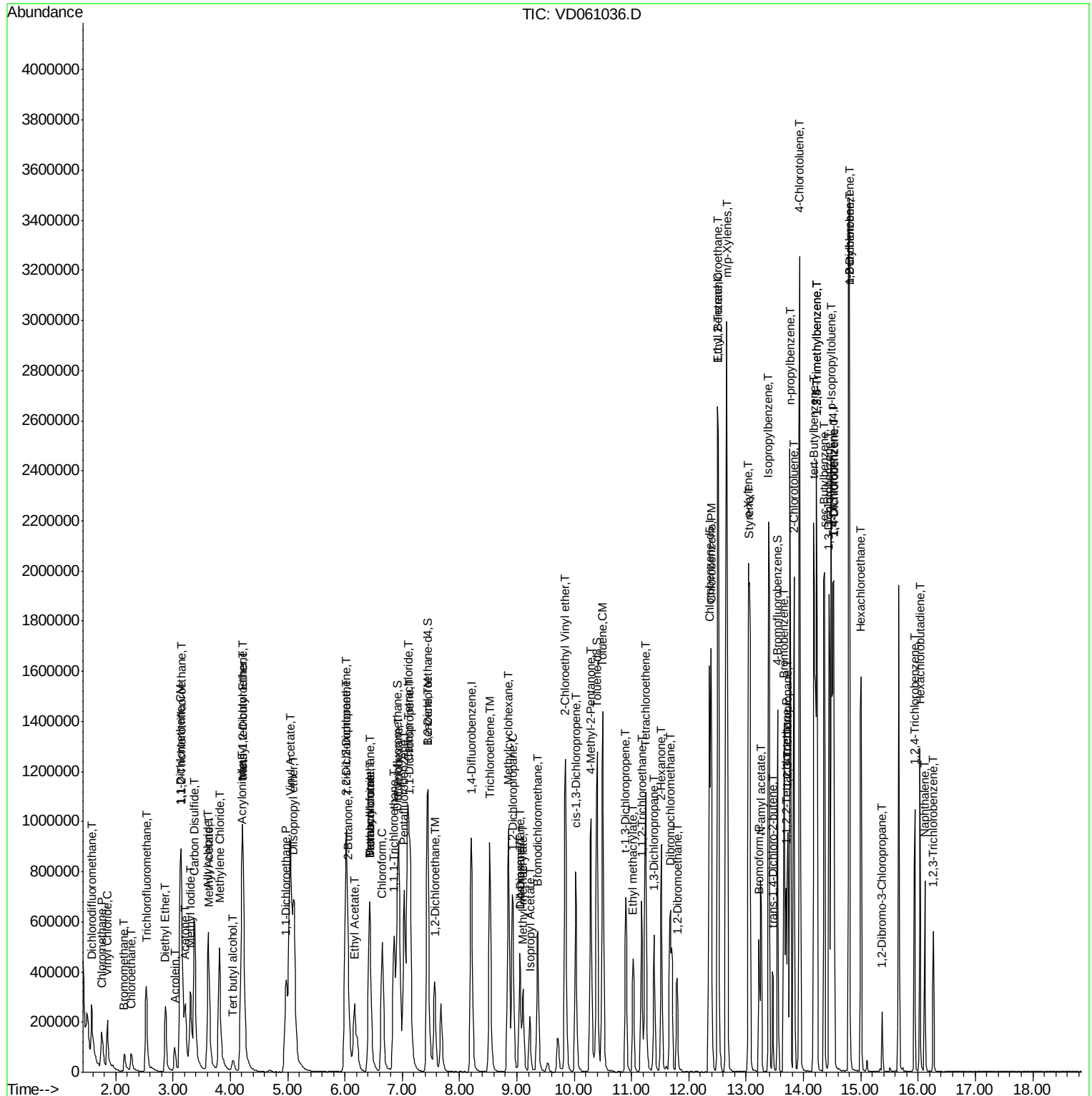
Quant Time: Mar 14 01:58:40 2019
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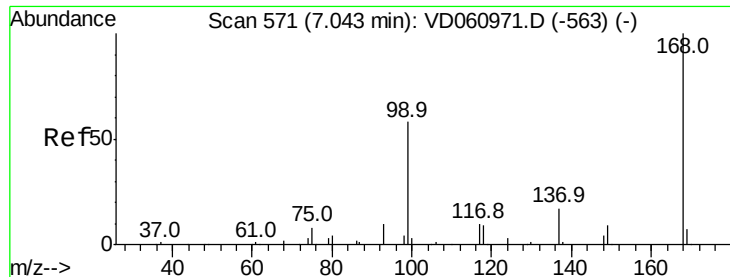
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	277114	52.650	ug/l	96
94) Hexachlorobutadiene	16.03	225	202748	50.928	ug/l	100
95) Naphthalene	16.12	128	444449	55.568	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	138771	53.382	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061036.D

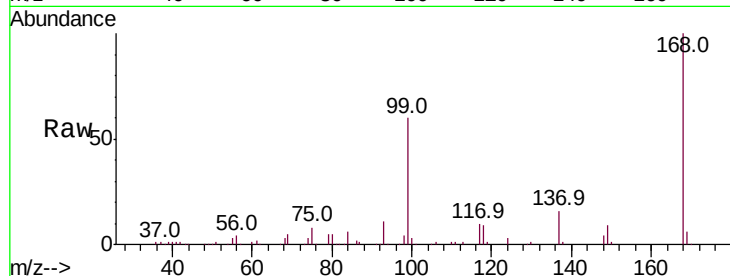
Acq: 13 Mar 2019 12:05

Tot Ion:168 Resp: 720453

Ion Ratio Lower Upper

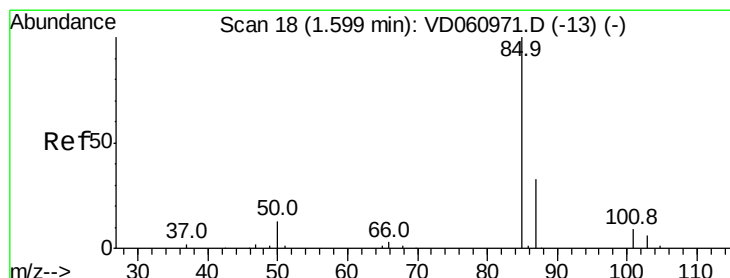
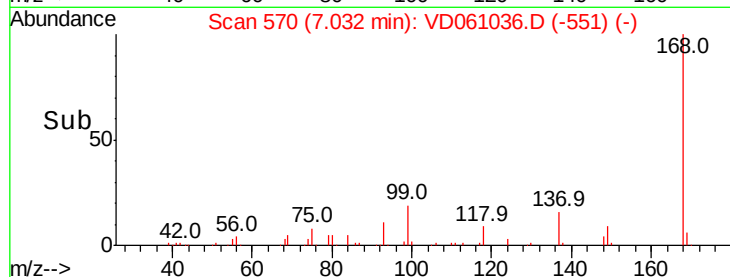
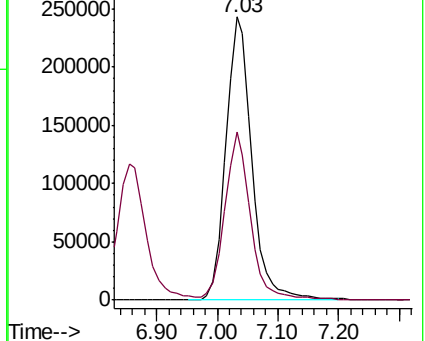
168 100

99 59.6 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 47.762 ug/l

RT: 1.58 min Scan# 16

Delta R.T. -0.02 min

Lab File: VD061036.D

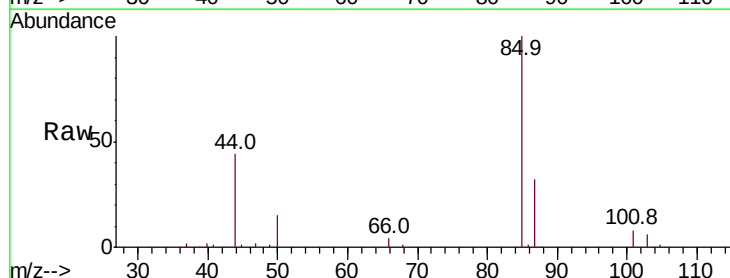
Acq: 13 Mar 2019 12:05

Tgt Ion: 85 Resp: 340853

Ion Ratio Lower Upper

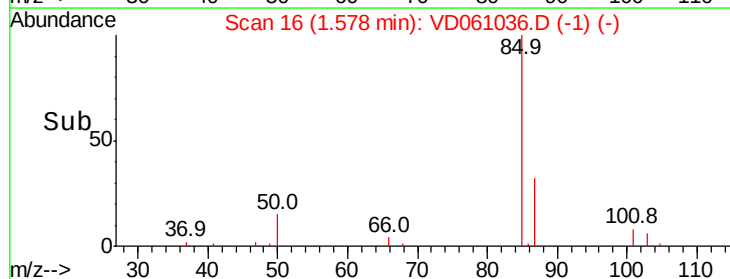
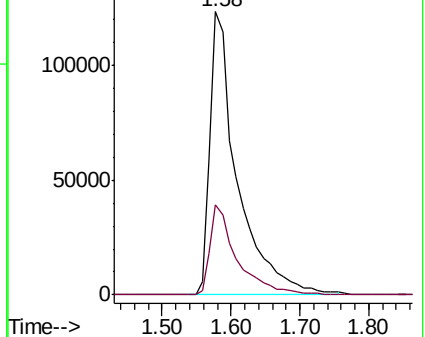
85 100

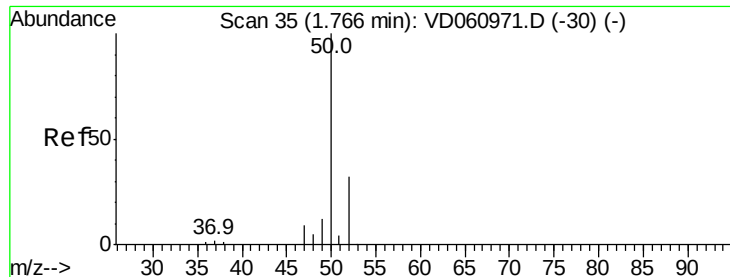
87 31.6 16.4 49.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 43.624 ug/l

RT: 1.76 min Scan# 34

Delta R.T. -0.01 min

Lab File: VD061036.D

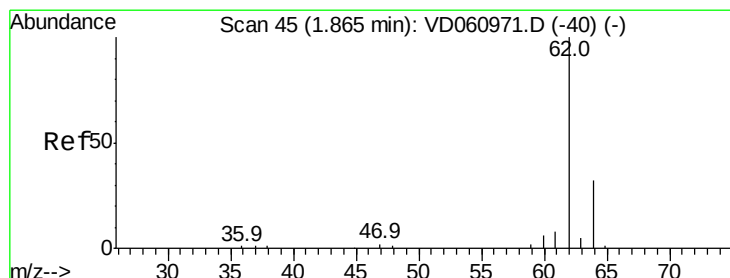
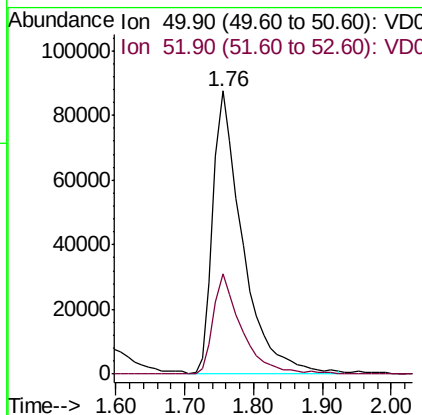
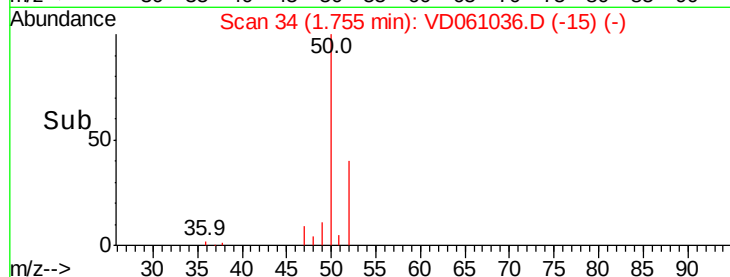
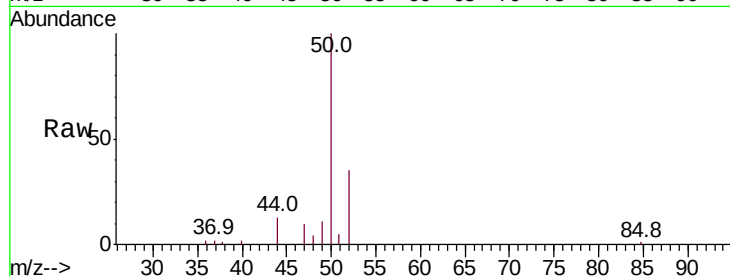
Acq: 13 Mar 2019 12:05

Tot Ion: 50 Resp: 259341

Ion Ratio Lower Upper

50 100

52 35.3 25.8 38.8



#4

Vinyl Chloride

Concen: 45.565 ug/l

RT: 1.85 min Scan# 44

Delta R.T. -0.01 min

Lab File: VD061036.D

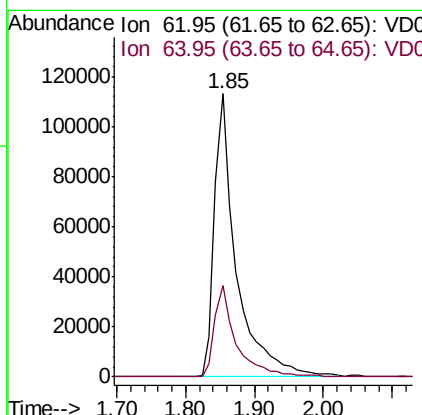
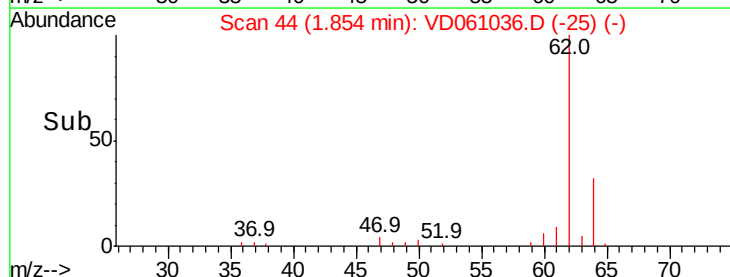
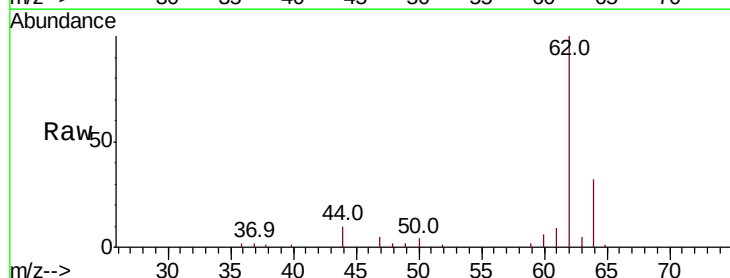
Acq: 13 Mar 2019 12:05

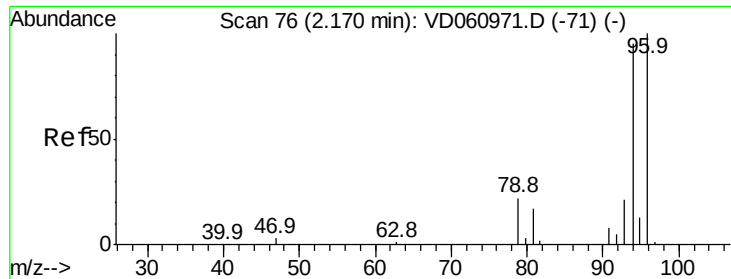
Tgt Ion: 62 Resp: 250303

Ion Ratio Lower Upper

62 100

64 32.5 25.2 37.8





#5

Bromomethane

Concen: 61.418 ug/l

RT: 2.15 min Scan# 74

Delta R.T. -0.02 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

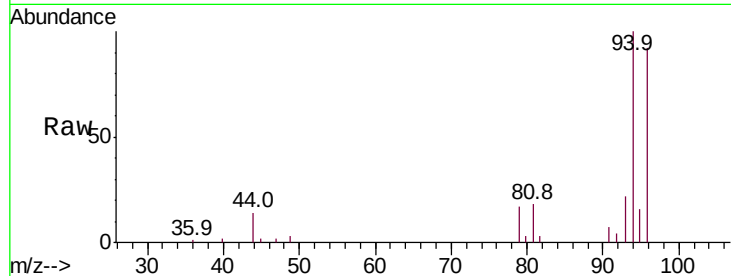
Tot Ion: 94 Resp: 57103

Ion Ratio Lower Upper

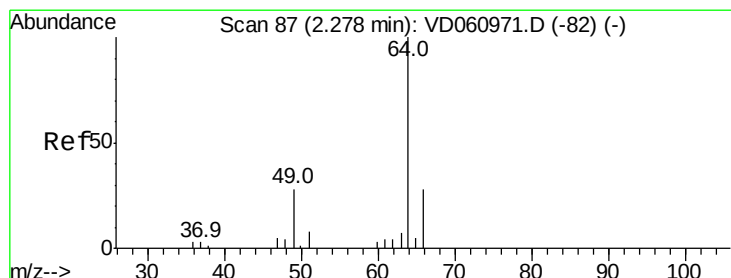
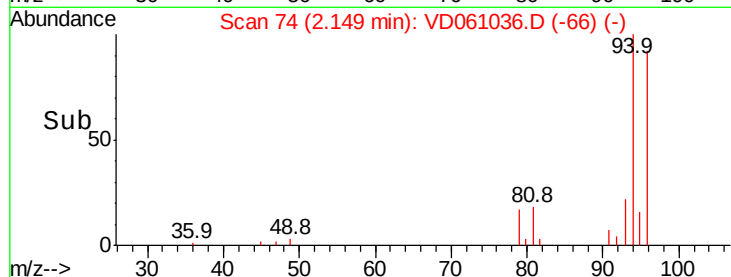
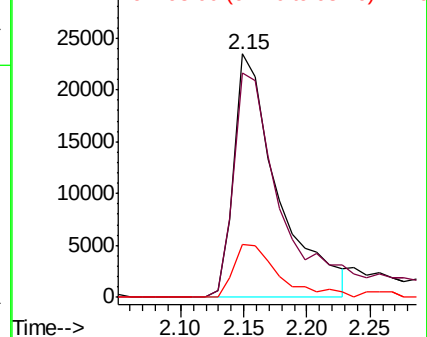
94 100

96 92.2 84.0 126.0

93 21.6 17.3 25.9



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



#6

Chloroethane

Concen: 51.994 ug/l

RT: 2.27 min Scan# 86

Delta R.T. -0.01 min

Lab File: VD061036.D

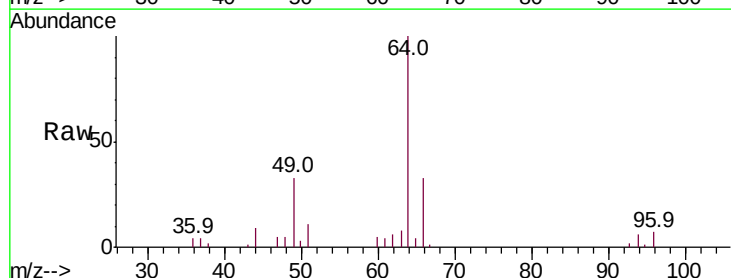
Acq: 13 Mar 2019 12:05

Tgt Ion: 64 Resp: 85492

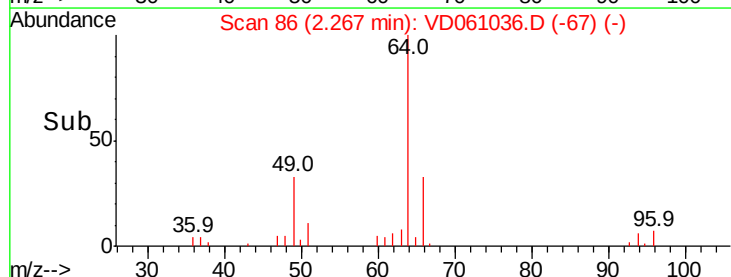
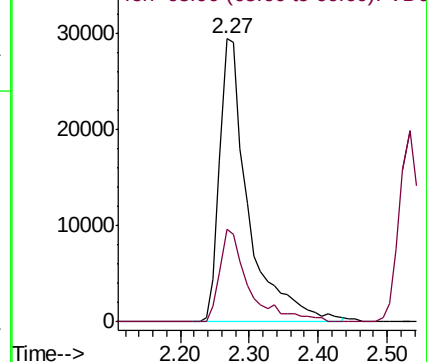
Ion Ratio Lower Upper

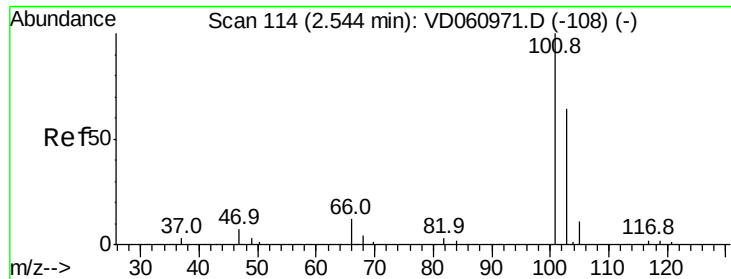
64 100

66 32.9 22.2 33.2



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

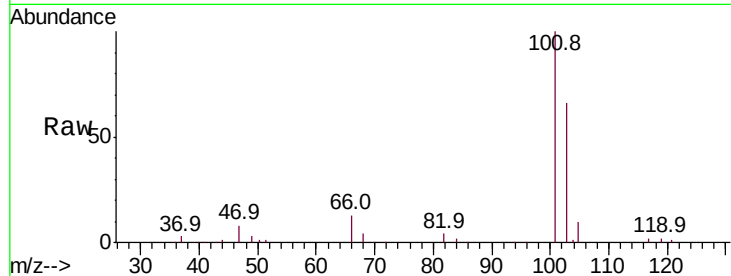




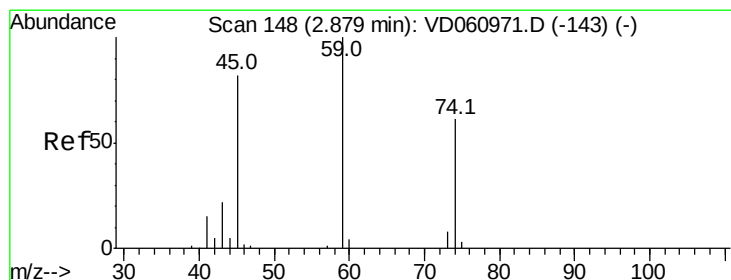
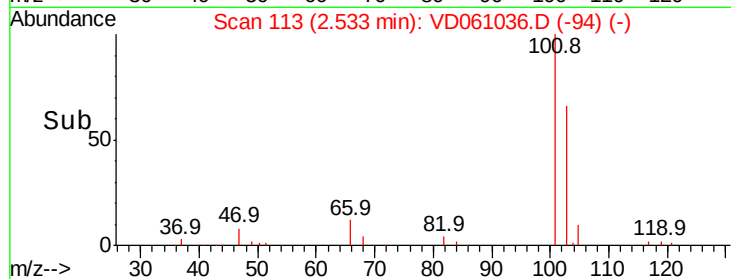
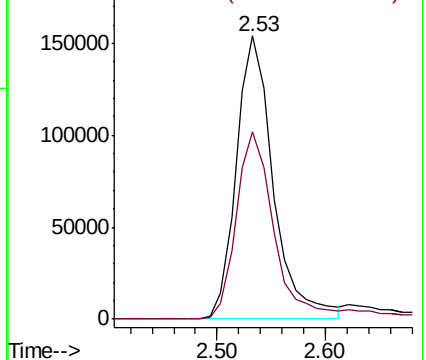
#7

Trichlorofluoromethane
Concen: 46.441 ug/l
RT: 2.53 min Scan# 113
Delta R.T. -0.01 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tot Ion:101 Resp: 366487
Ion Ratio Lower Upper
101 100
103 66.1 51.2 76.8



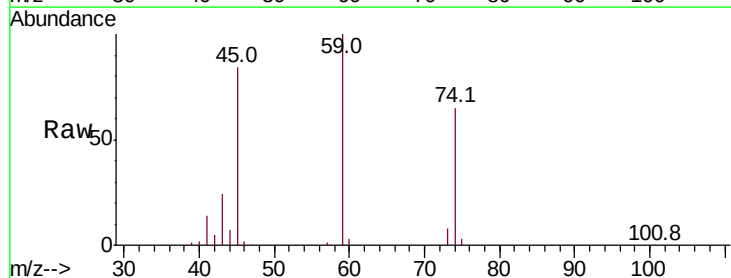
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



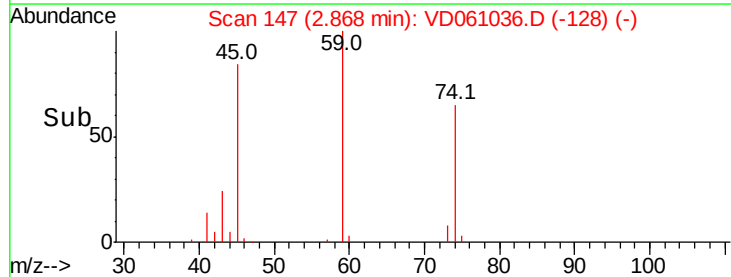
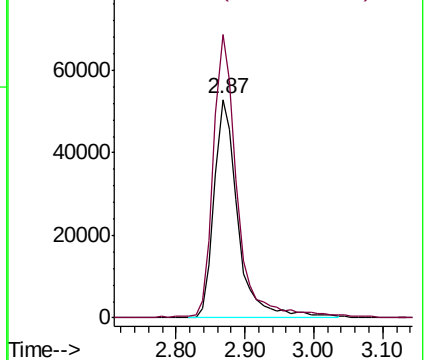
#8

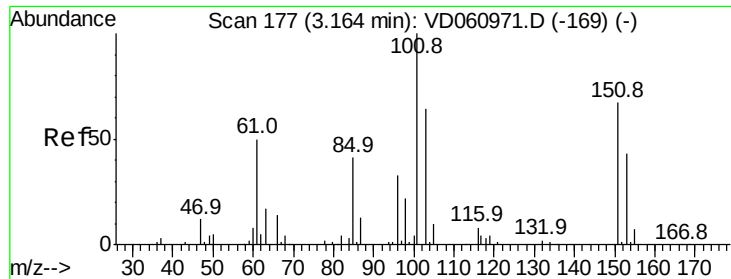
Diethyl Ether
Concen: 48.827 ug/l
RT: 2.87 min Scan# 147
Delta R.T. -0.01 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tgt Ion: 74 Resp: 127112
Ion Ratio Lower Upper
74 100
45 129.6 67.0 201.1



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.320 ug/l

RT: 3.14 min Scan# 175

Delta R.T. -0.02 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

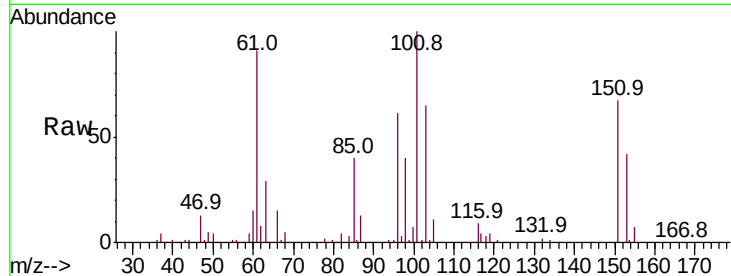
Tot Ion:101 Resp: 417488

Ion Ratio Lower Upper

101 100

85 40.1 32.5 48.7

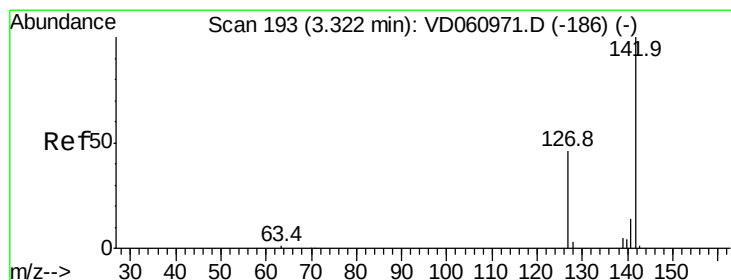
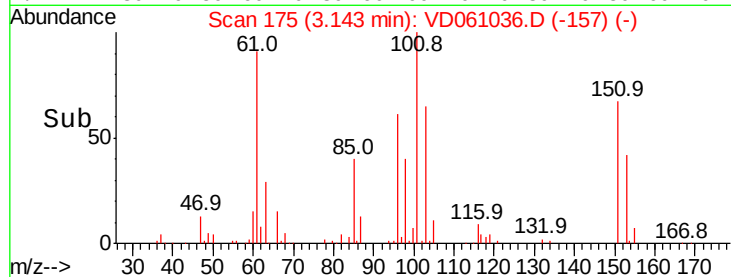
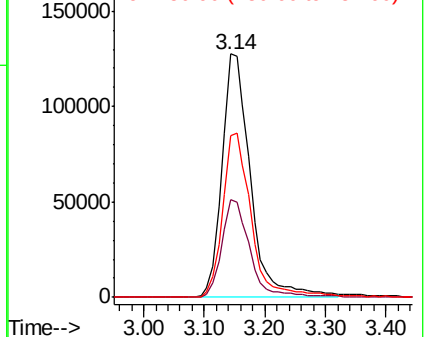
151 66.6 53.3 79.9



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: 48.707 ug/l

RT: 3.30 min Scan# 191

Delta R.T. -0.02 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

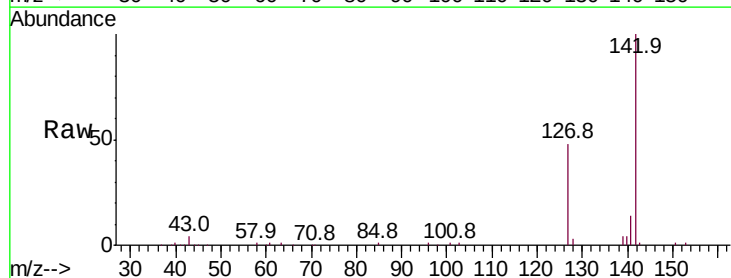
Tgt Ion:142 Resp: 590817

Ion Ratio Lower Upper

142 100

127 48.0 36.8 55.2

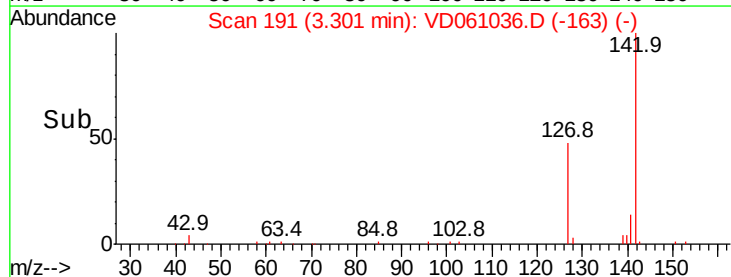
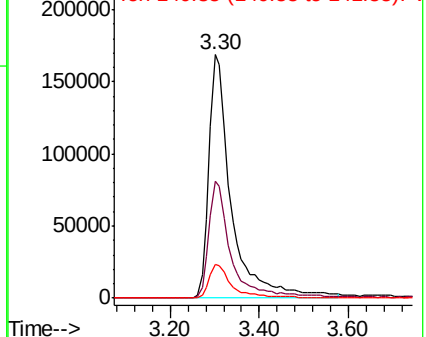
141 13.8 11.2 16.8

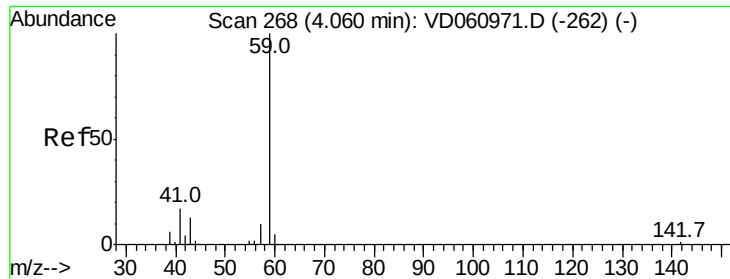


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

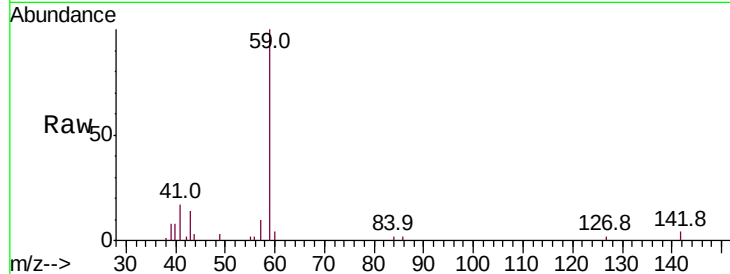




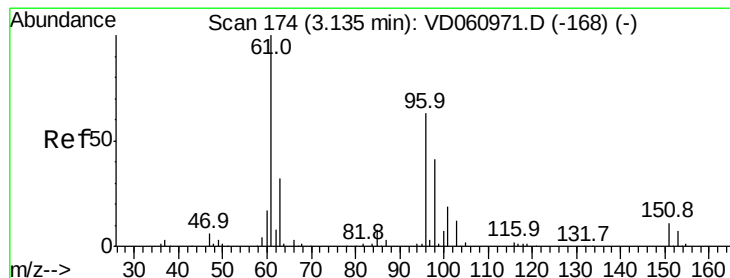
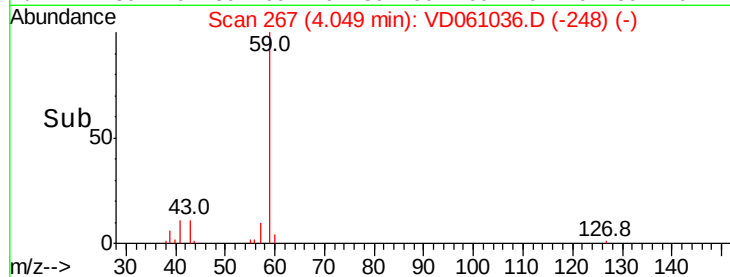
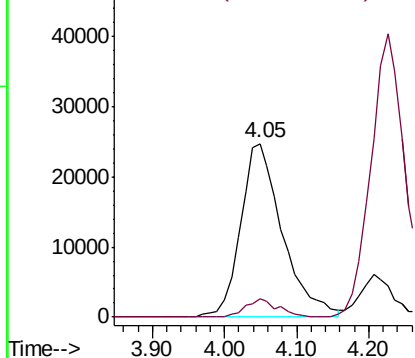
#11

Tert butyl alcohol
Concen: 262.287 ug/l
RT: 4.05 min Scan# 267
Delta R.T. -0.01 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tot Ion: 59 Resp: 100135
Ion Ratio Lower Upper
59 100
57 10.5 7.1 10.7



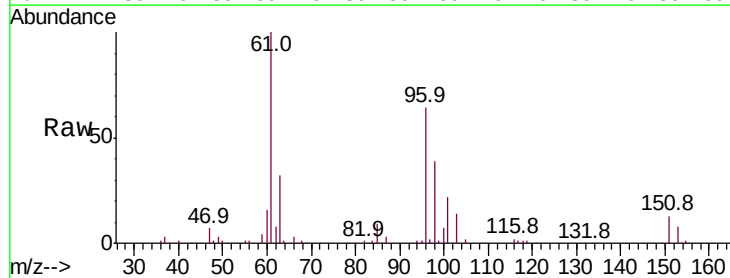
Abundance Ion 58.95 (58.65 to 59.65): VDC
Ion 56.95 (56.65 to 57.65): VDC



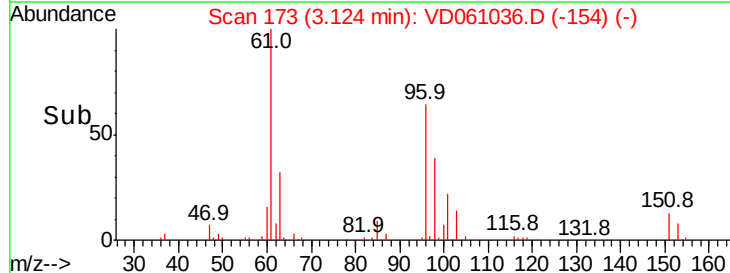
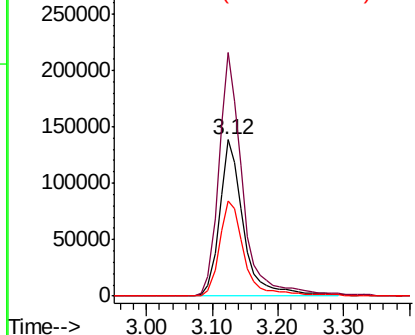
#12

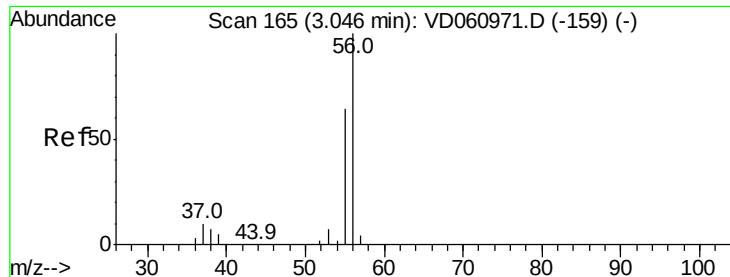
1,1-Dichloroethene
Concen: 48.499 ug/l
RT: 3.12 min Scan# 173
Delta R.T. -0.01 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tgt Ion: 96 Resp: 350739
Ion Ratio Lower Upper
96 100
61 155.6 127.1 190.7
98 61.1 51.5 77.3



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: 230.257 ug/l

RT: 3.03 min Scan# 163

Delta R.T. -0.02 min

Lab File: VD061036.D

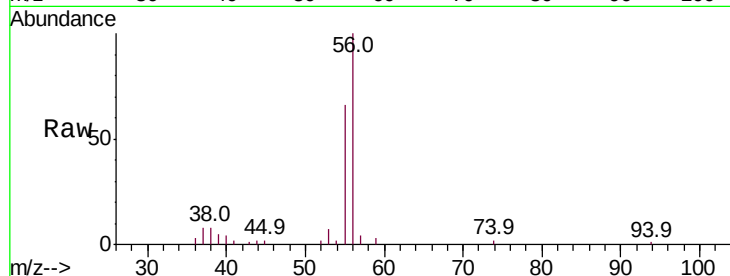
Acq: 13 Mar 2019 12:05

Tot Ion: 56 Resp: 127193

Ion Ratio Lower Upper

56 100

55 66.0 51.3 76.9



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.03

50000

40000

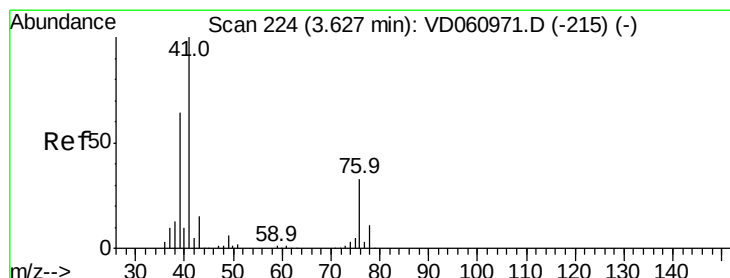
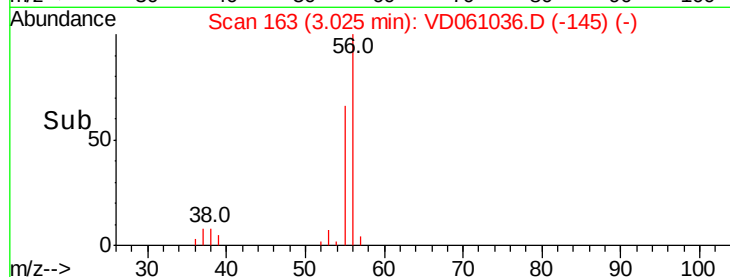
30000

20000

10000

0

Time--> 2.90 3.00 3.10 3.20



#14

Allyl chloride

Concen: 45.567 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.01 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

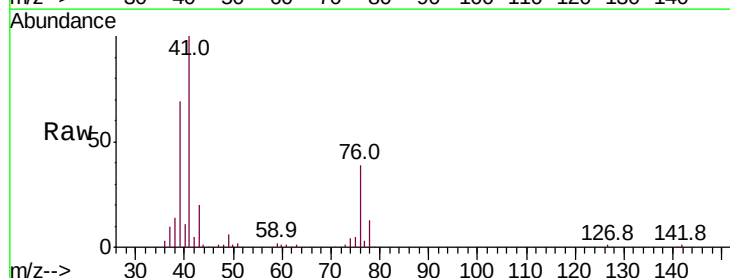
Tgt Ion: 41 Resp: 527259

Ion Ratio Lower Upper

41 100

39 69.3 51.1 76.7

76 39.2 29.1 43.7



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

3.62

200000

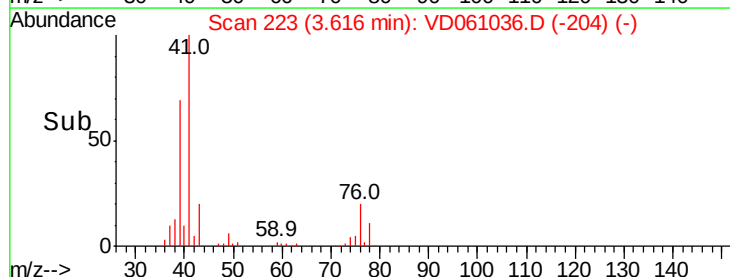
150000

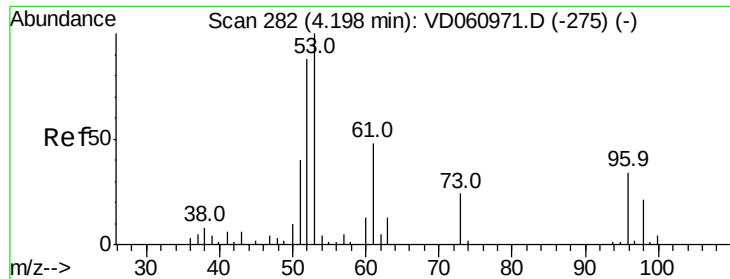
100000

50000

0

Time--> 3.50 3.60 3.70 3.80





#15

Acrylonitrile

Concen: 252.759 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.01 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

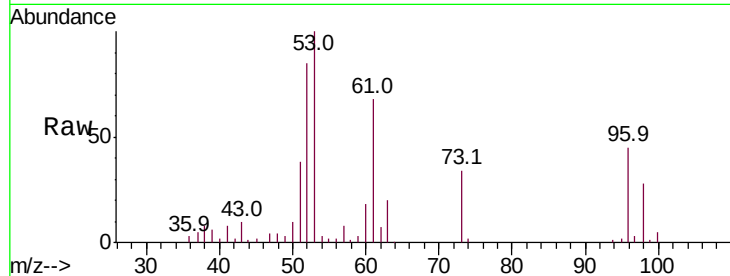
Tot Ion: 53 Resp: 341053

Ion Ratio Lower Upper

53 100

52 84.5 70.2 105.4

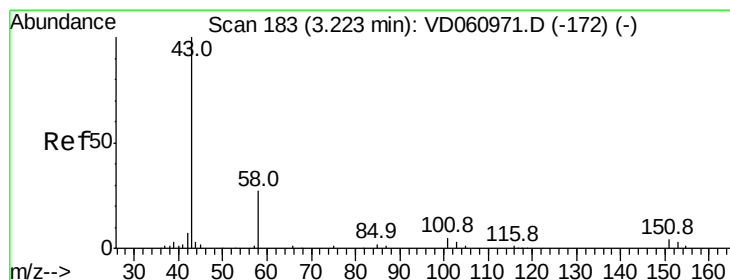
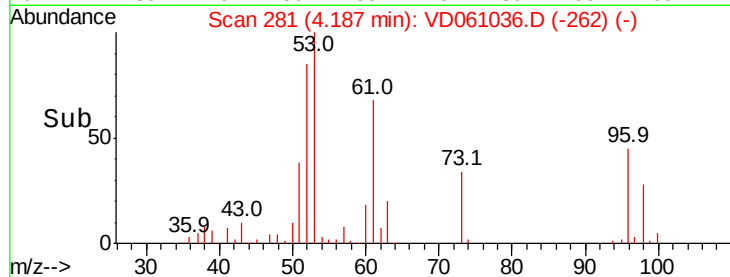
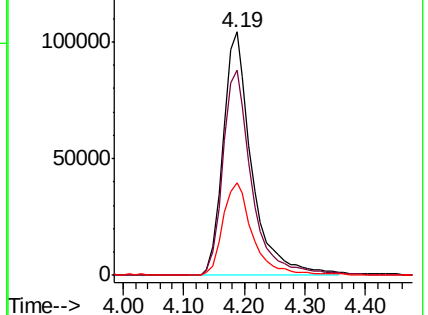
51 38.2 31.7 47.5



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 262.679 ug/l

RT: 3.21 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD061036.D

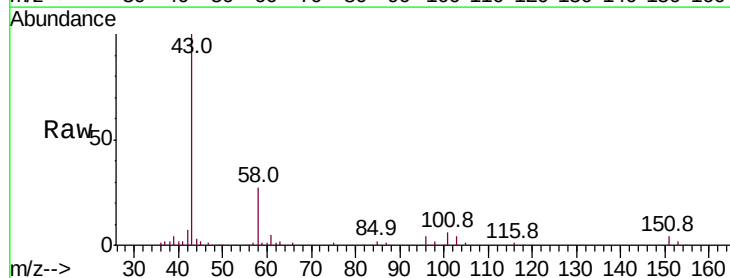
Acq: 13 Mar 2019 12:05

Tgt Ion: 43 Resp: 450462

Ion Ratio Lower Upper

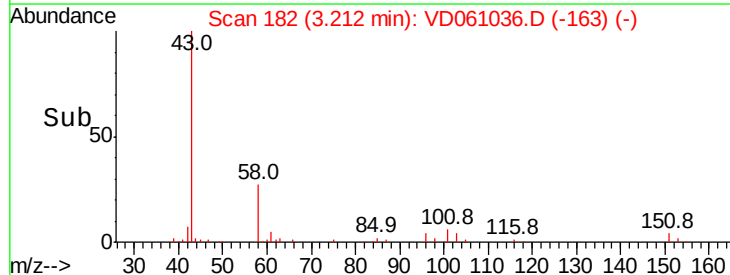
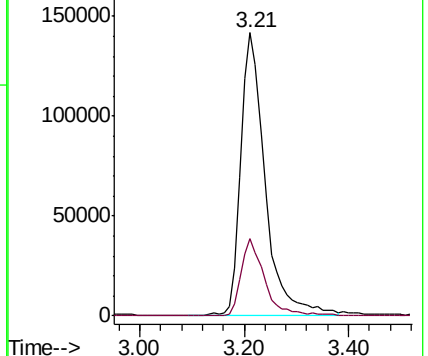
43 100

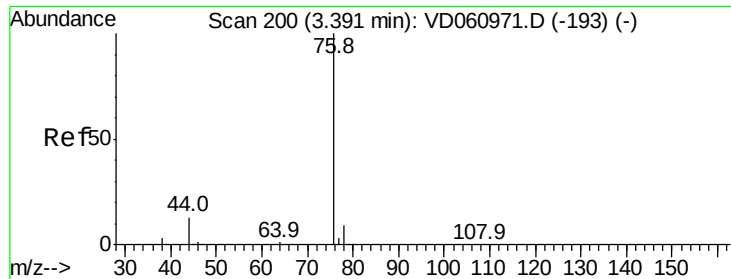
58 27.2 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 49.129 ug/l

RT: 3.37 min Scan# 198

Delta R.T. -0.02 min

Lab File: VD061036.D

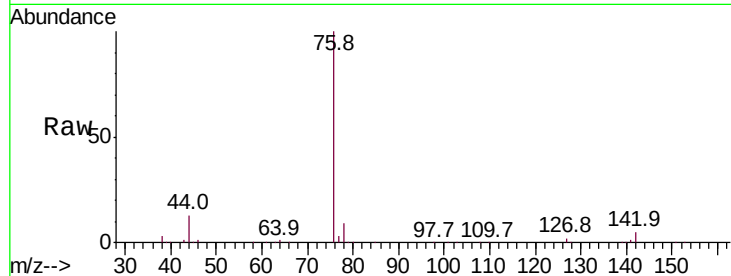
Acq: 13 Mar 2019 12:05

Tot Ion: 76 Resp: 1198519

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.37

400000

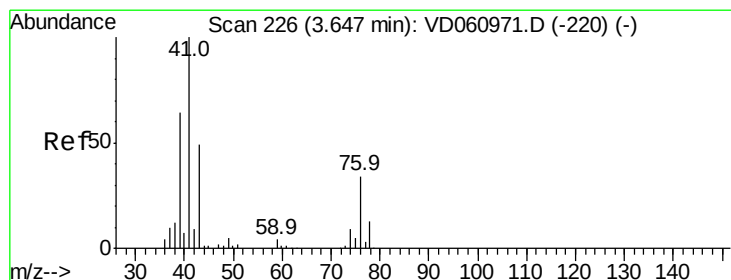
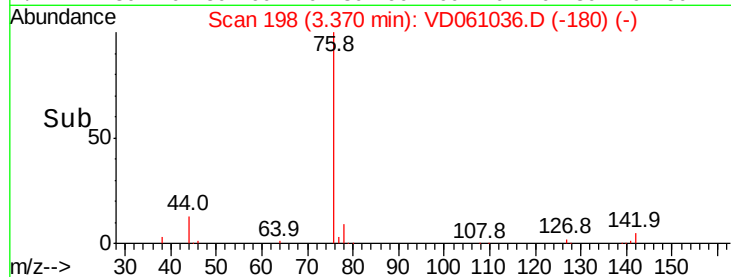
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 47.266 ug/l

RT: 3.64 min Scan# 225

Delta R.T. -0.01 min

Lab File: VD061036.D

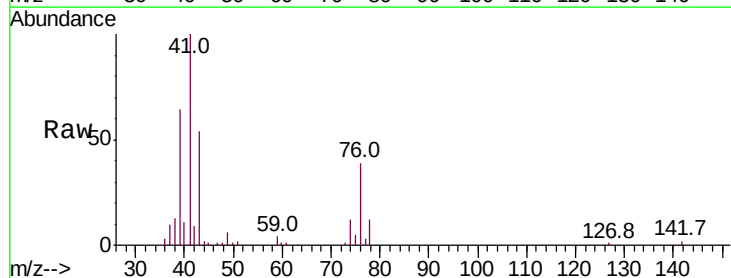
Acq: 13 Mar 2019 12:05

Tgt Ion: 43 Resp: 159517

Ion Ratio Lower Upper

43 100

74 21.4 14.6 21.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

3.64

60000

50000

40000

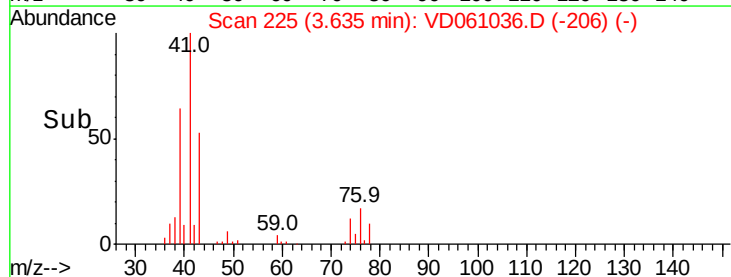
30000

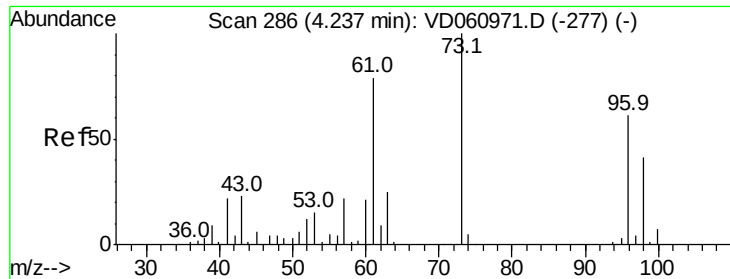
20000

10000

0

Time-->

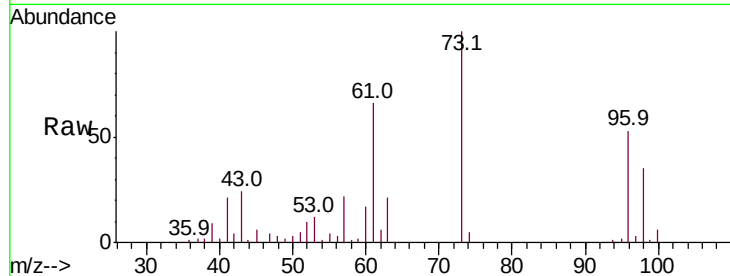




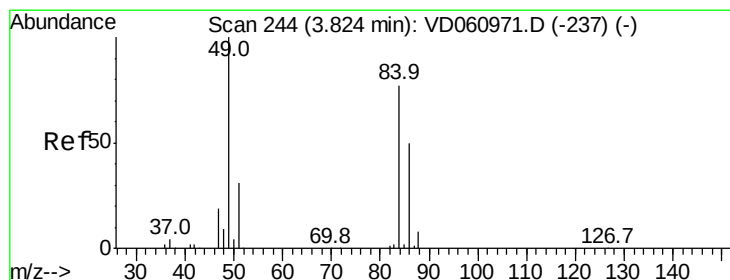
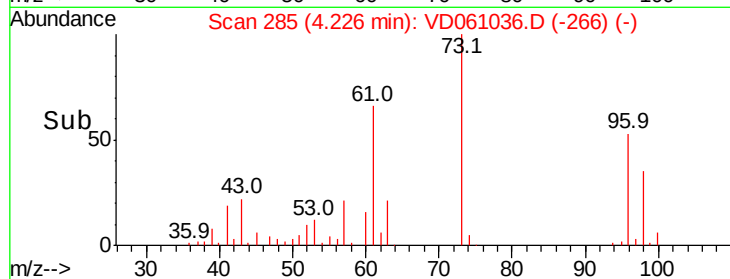
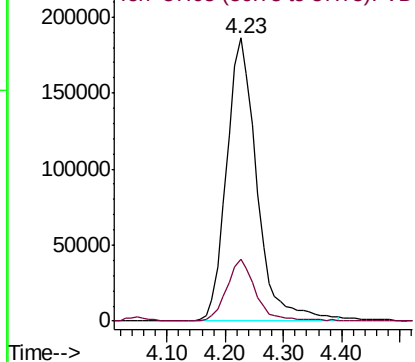
#19

Methyl tert-butyl Ether
 Concen: 53.150 ug/l
 RT: 4.23 min Scan# 285
 Delta R.T. -0.01 min
 Lab File: VD061036.D
 Acq: 13 Mar 2019 12:05

Tot Ion: 73 Resp: 673622
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.7 26.5



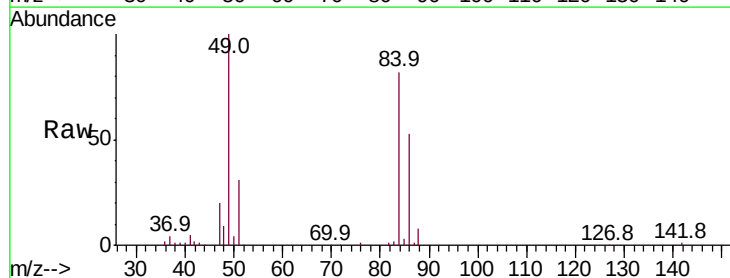
Abundance Ion 73.00 (72.70 to 73.70): VDC
 Ion 57.05 (56.75 to 57.75): VDC



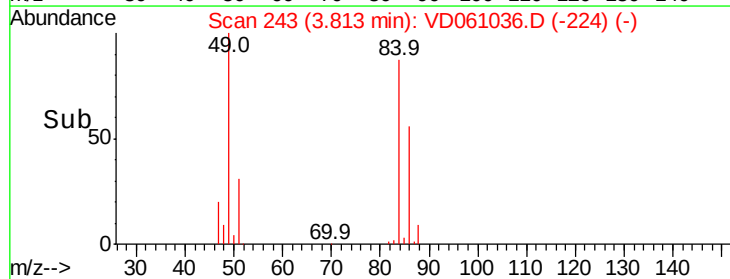
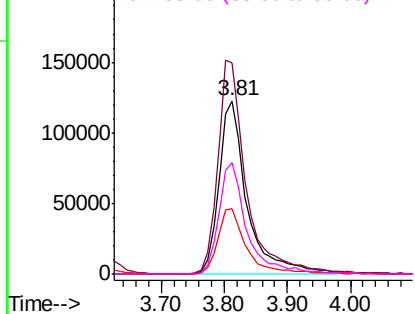
#20

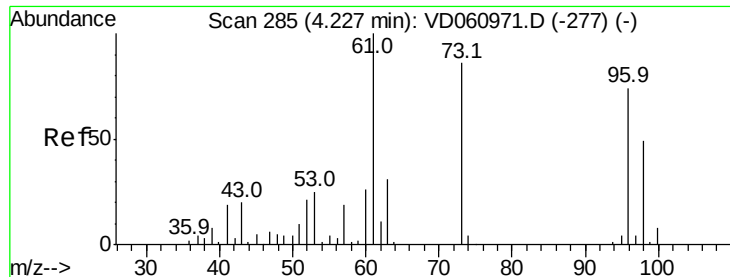
Methylene Chloride
 Concen: 48.517 ug/l
 RT: 3.81 min Scan# 243
 Delta R.T. -0.01 min
 Lab File: VD061036.D
 Acq: 13 Mar 2019 12:05

Tgt Ion: 84 Resp: 380441
 Ion Ratio Lower Upper
 84 100
 49 122.1 104.2 156.2
 51 37.7 32.3 48.5
 86 64.1 52.3 78.5



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: 51.540 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.02 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

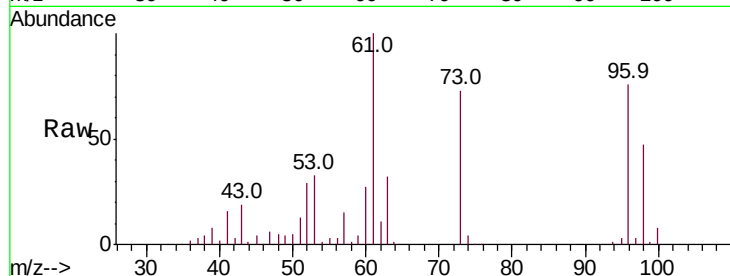
Tot Ion: 96 Resp: 403433

Ion Ratio Lower Upper

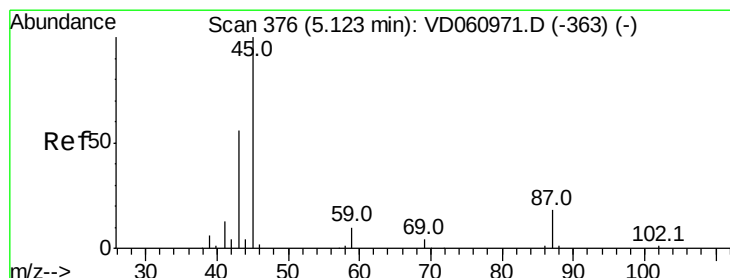
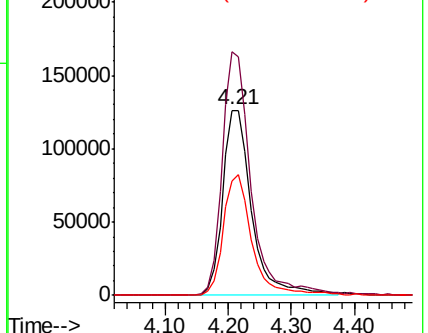
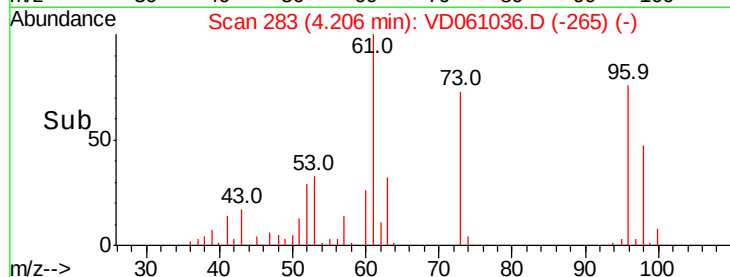
96 100

61 131.5 108.4 162.6

98 61.6 53.0 79.4



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: 49.491 ug/l

RT: 5.11 min Scan# 375

Delta R.T. -0.01 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

Tgt Ion: 45 Resp: 1188794

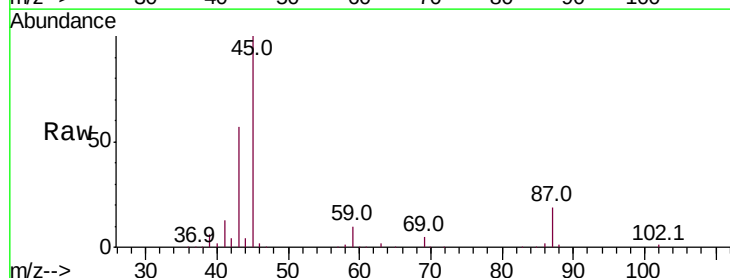
Ion Ratio Lower Upper

45 100

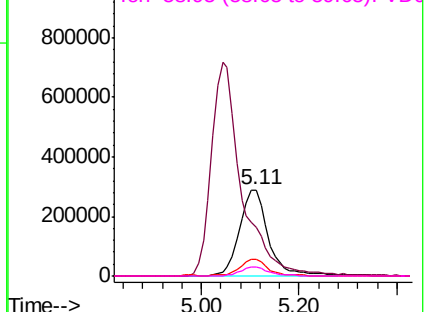
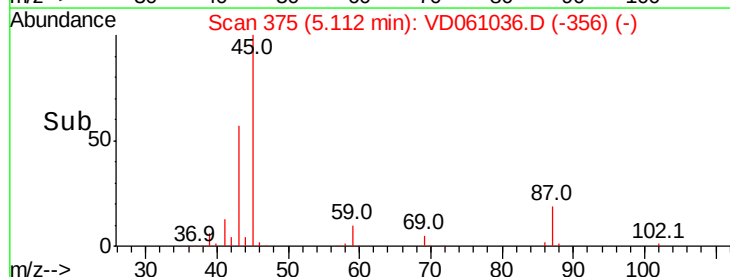
43 56.7 45.8 68.8

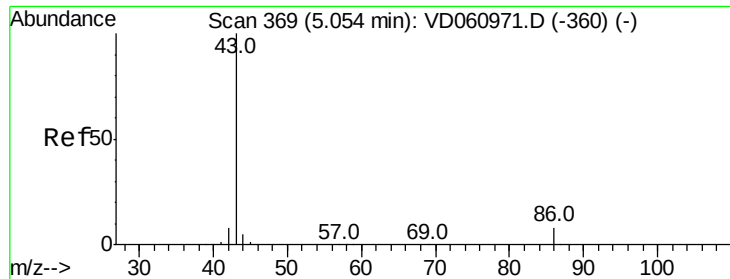
87 19.2 14.9 22.3

59 10.2 8.0 12.0



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: 247.912 ug/l

RT: 5.04 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD061036.D

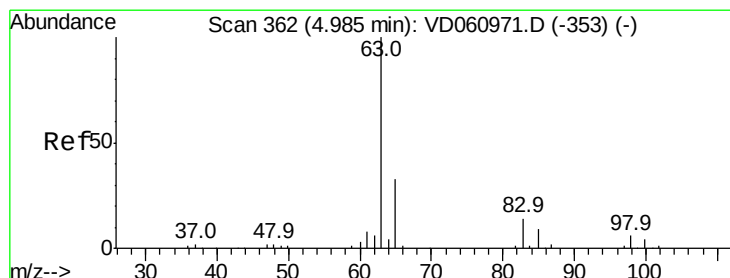
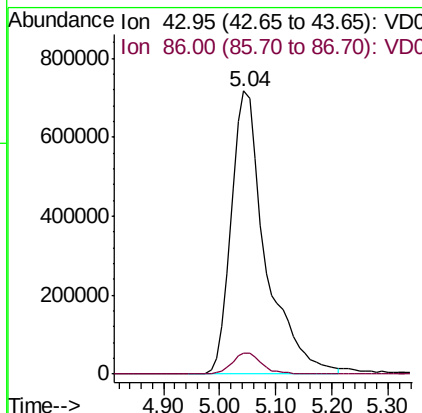
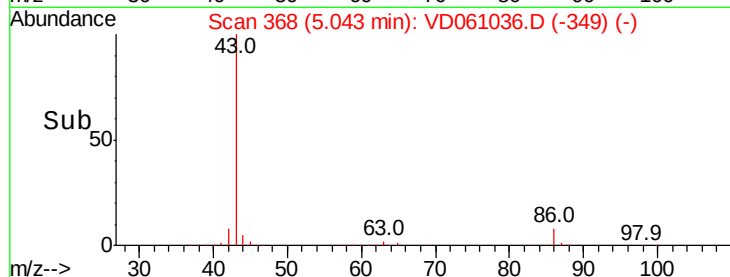
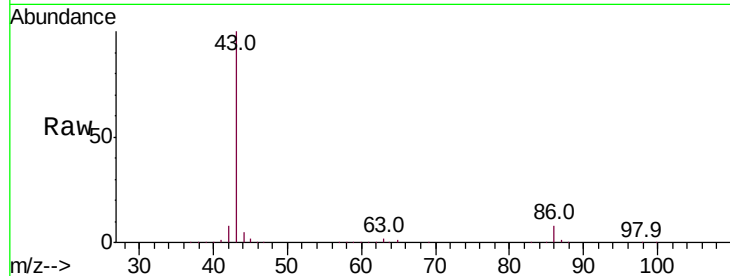
Acq: 13 Mar 2019 12:05

Tot Ion: 43 Resp: 3056913

Ion Ratio Lower Upper

43 100

86 7.6 6.2 9.2



#24

1,1-Dichloroethane

Concen: 50.878 ug/l

RT: 4.97 min Scan# 361

Delta R.T. -0.01 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

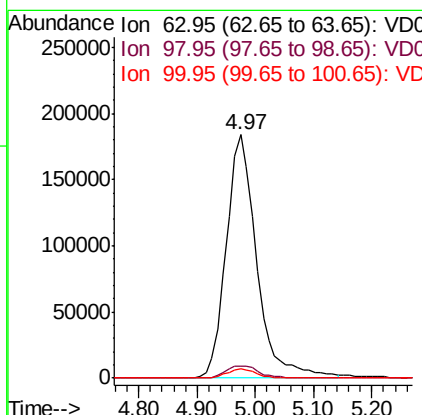
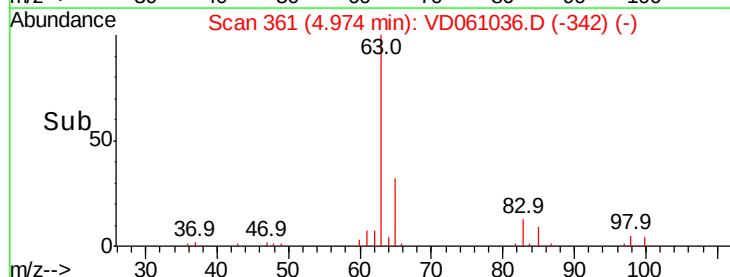
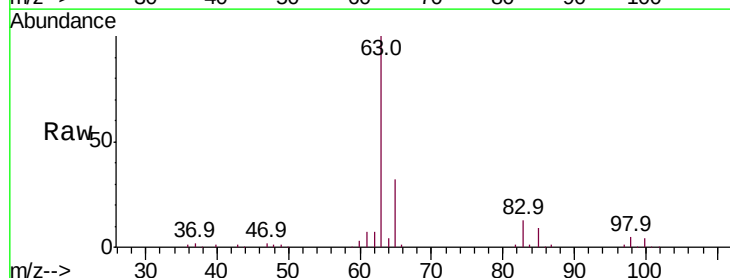
Tgt Ion: 63 Resp: 669586

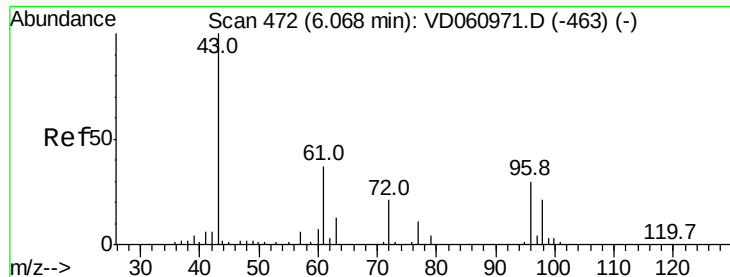
Ion Ratio Lower Upper

63 100

98 5.1 3.0 9.2

100 3.6 2.0 5.8





#25

2-Butanone

Concen: 257.880 ug/l

RT: 6.06 min Scan# 471

Delta R.T. -0.01 min

Lab File: VD061036.D

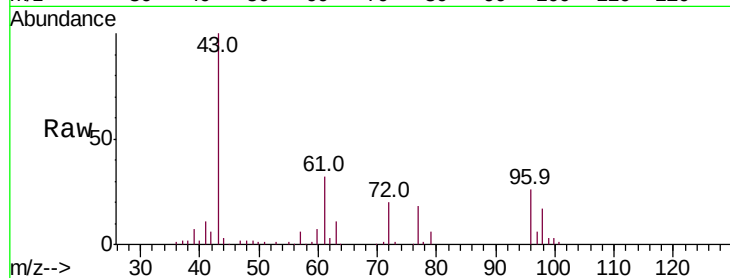
Acq: 13 Mar 2019 12:05

Tot Ion: 43 Resp: 501812

Ion Ratio Lower Upper

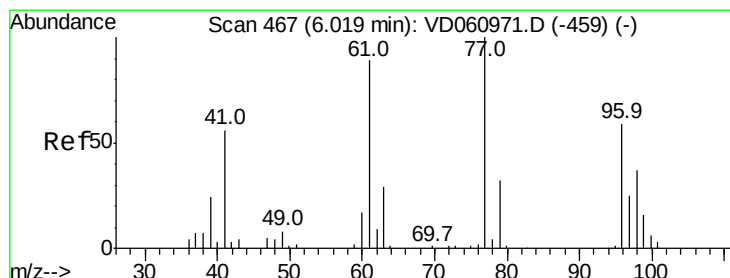
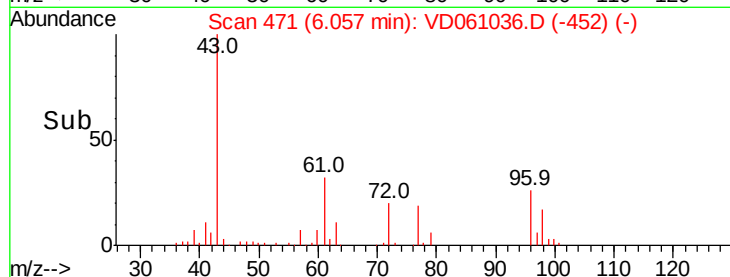
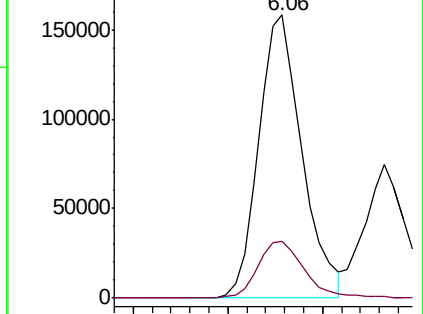
43 100

72 20.1 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 51.649 ug/l

RT: 6.01 min Scan# 466

Delta R.T. -0.01 min

Lab File: VD061036.D

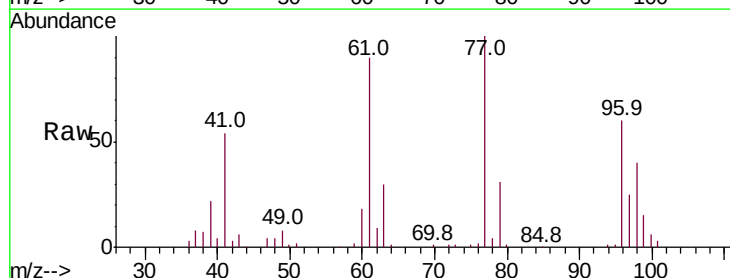
Acq: 13 Mar 2019 12:05

Tgt Ion: 77 Resp: 530645

Ion Ratio Lower Upper

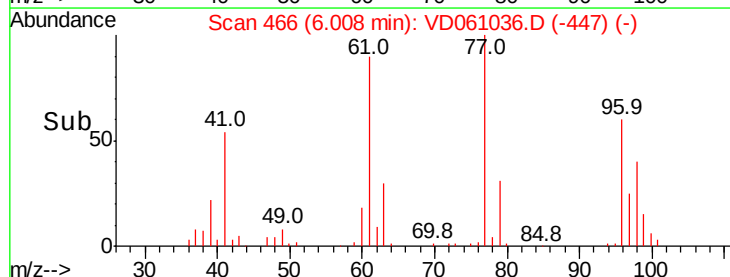
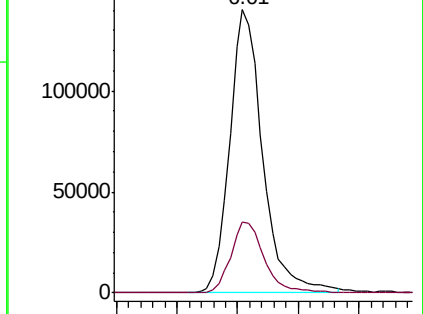
77 100

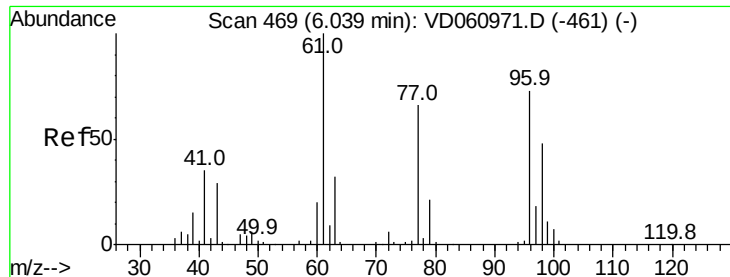
97 24.9 12.6 37.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

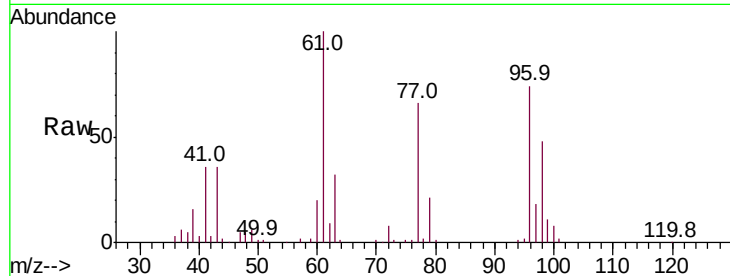




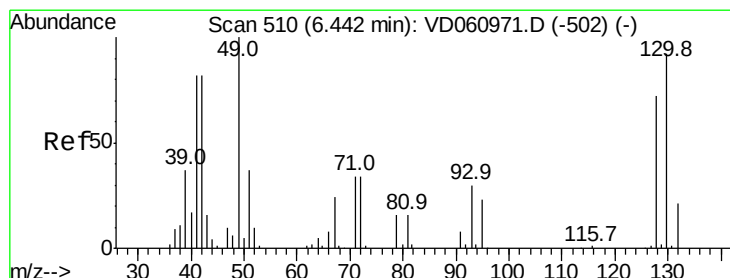
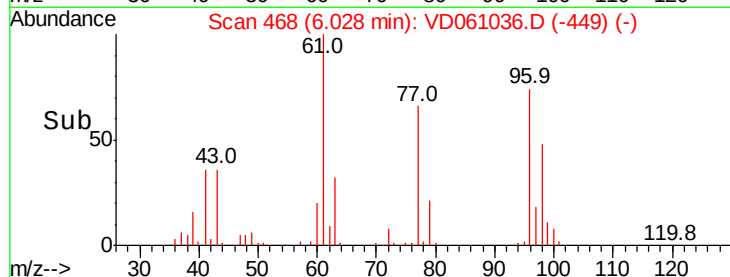
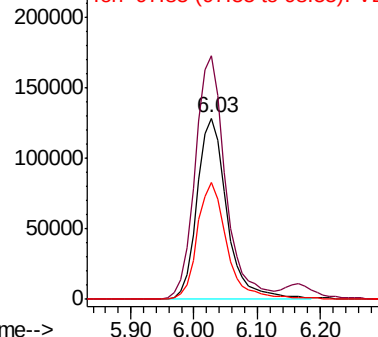
#27

cis-1,2-Dichloroethene
Concen: 50.679 ug/l
RT: 6.03 min Scan# 468
Delta R.T. -0.01 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	273.6
98	64.6	0.0	132.6



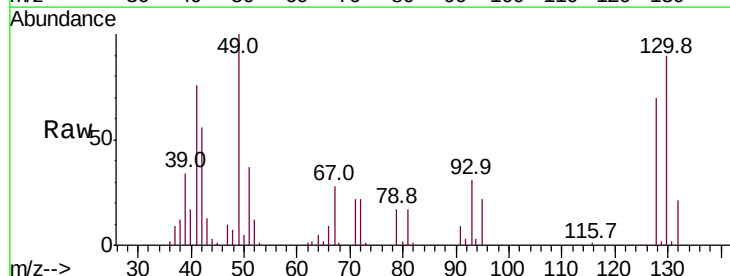
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



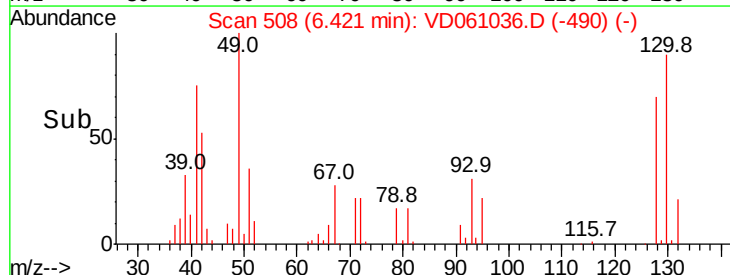
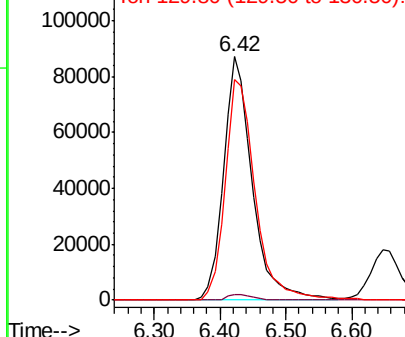
#28

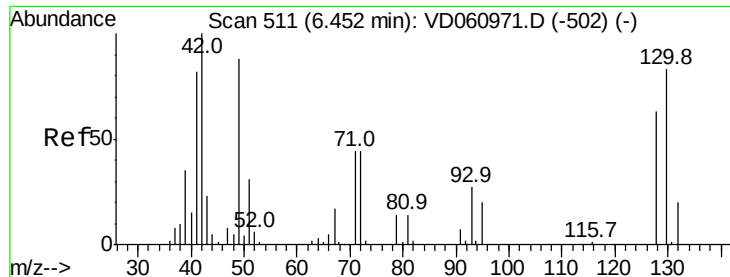
Bromochloromethane
Concen: 47.760 ug/l
RT: 6.42 min Scan# 508
Delta R.T. -0.02 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.0
130	90.4	73.8	110.8



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





#29

Tetrahydrofuran

Concen: 229.037 ug/l

RT: 6.44 min Scan# 510

Delta R.T. -0.01 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

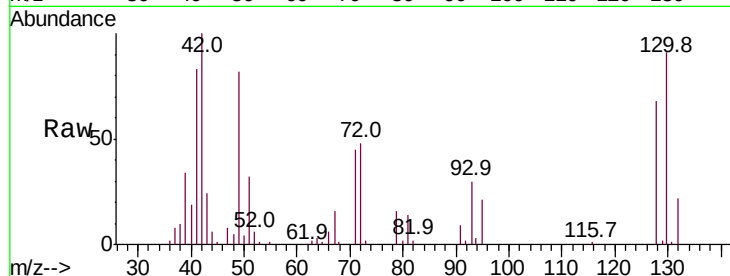
Tot Ion: 42 Resp: 242007

Ion Ratio Lower Upper

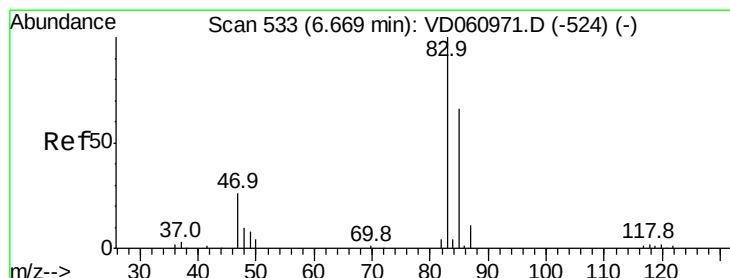
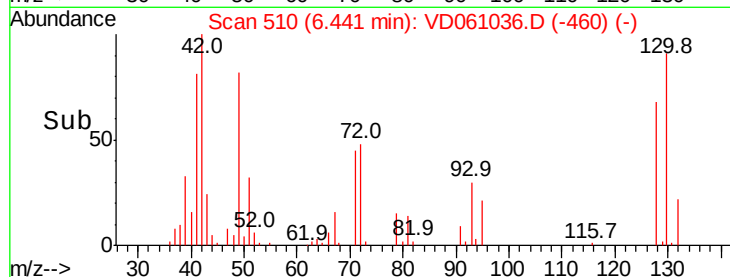
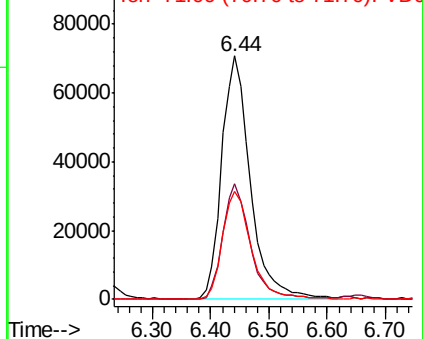
42 100

72 45.6 34.5 51.7

71 44.3 33.8 50.6



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



#30

Chloroform

Concen: 48.406 ug/l

RT: 6.65 min Scan# 531

Delta R.T. -0.02 min

Lab File: VD061036.D

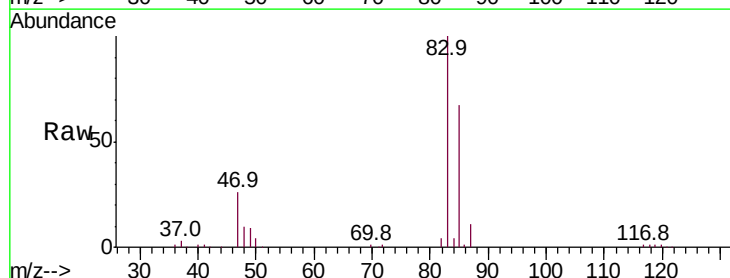
Acq: 13 Mar 2019 12:05

Tgt Ion: 83 Resp: 660263

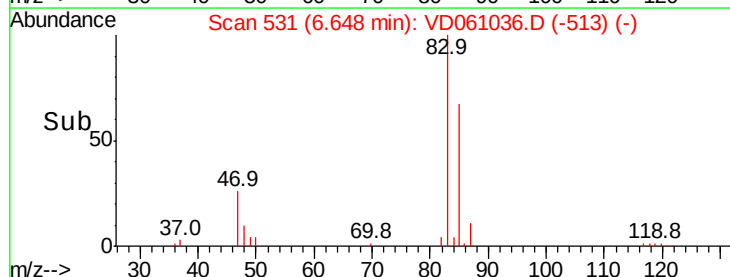
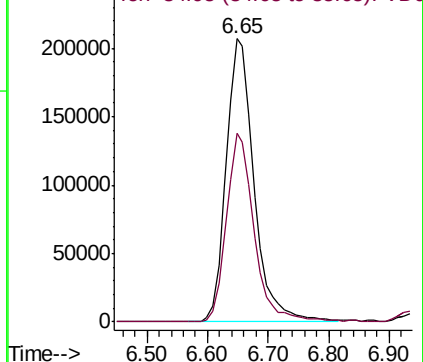
Ion Ratio Lower Upper

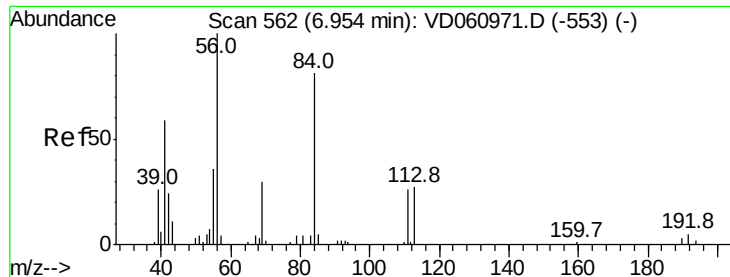
83 100

85 66.5 53.0 79.4



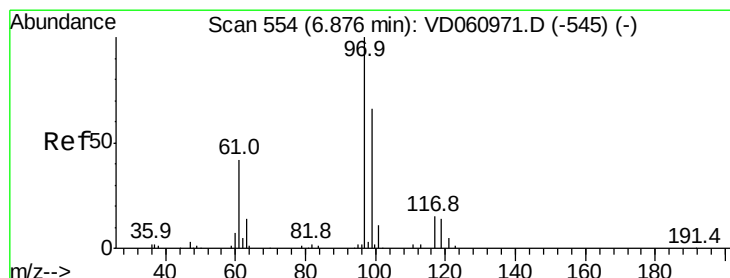
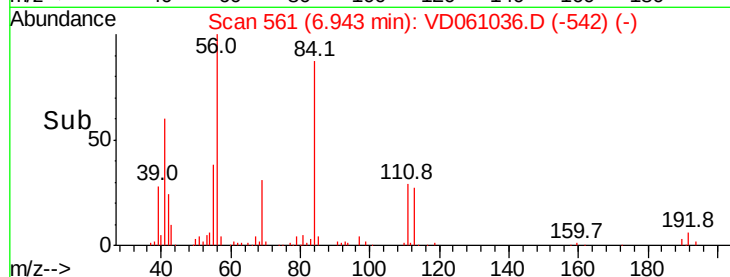
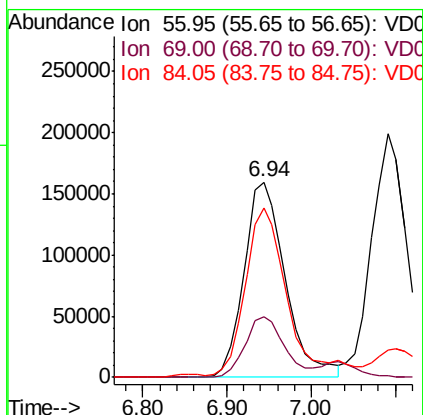
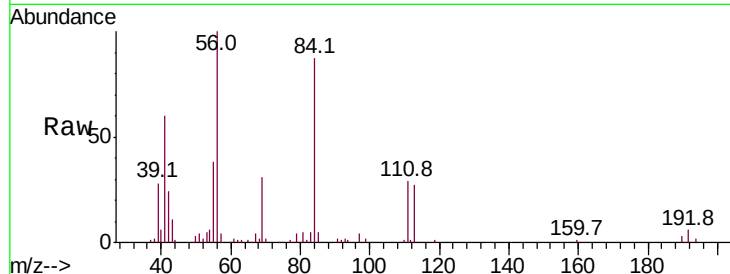
Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC





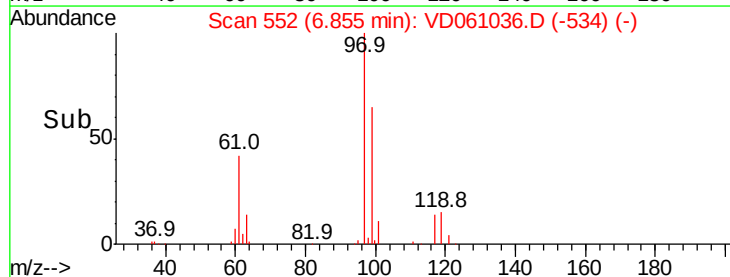
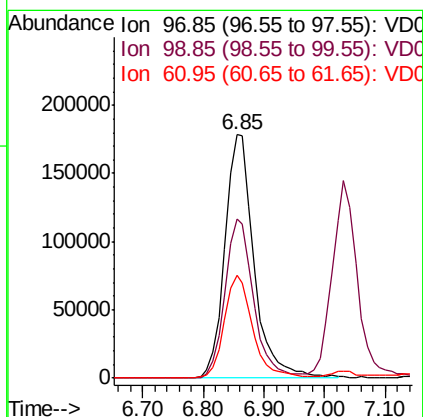
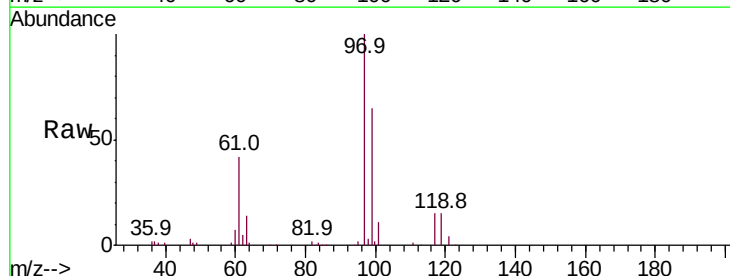
#31
Cyclohexane
Concen: 51.483 ug/l
RT: 6.94 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

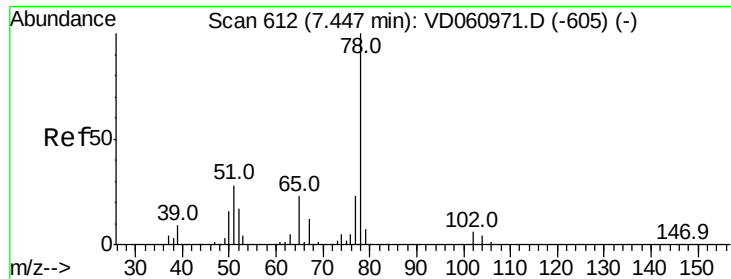
Tot Ion: 56 Resp: 546331
Ion Ratio Lower Upper
56 100
69 30.7 24.0 36.0
84 86.8 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 50.606 ug/l
RT: 6.85 min Scan# 552
Delta R.T. -0.02 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tgt Ion: 97 Resp: 596761
Ion Ratio Lower Upper
97 100
99 65.3 53.2 79.8
61 42.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.606 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061036.D

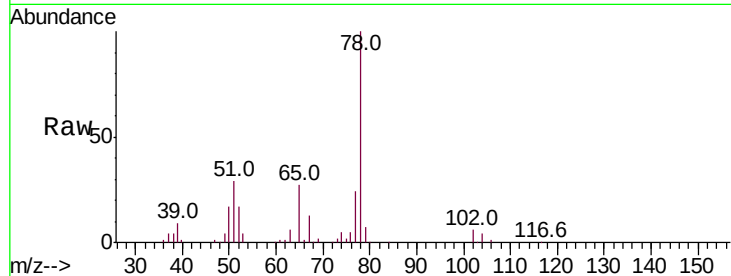
Acq: 13 Mar 2019 12:05

Tot Ion: 65 Resp: 284949

Ion Ratio Lower Upper

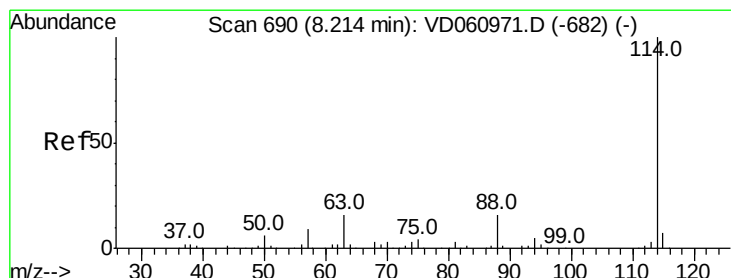
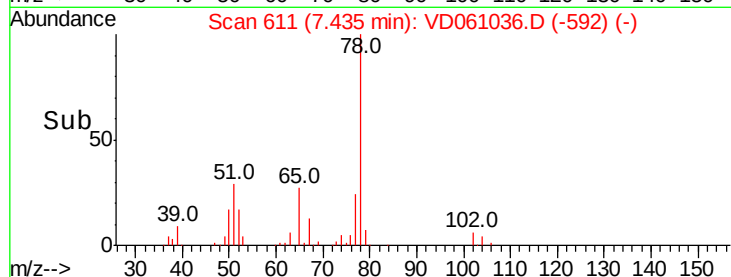
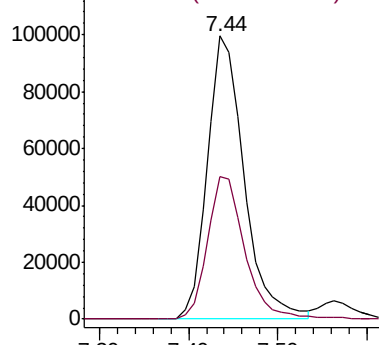
65 100

67 50.5 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

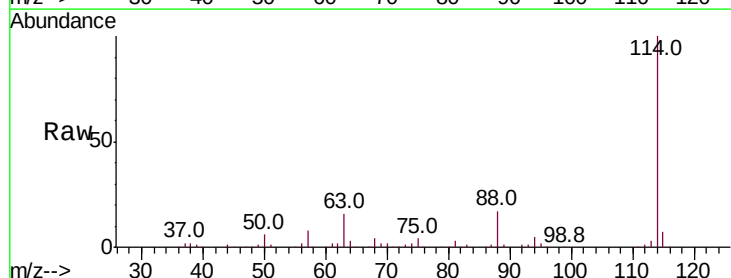
Tgt Ion: 114 Resp: 1177723

Ion Ratio Lower Upper

114 100

63 16.3 0.0 31.4

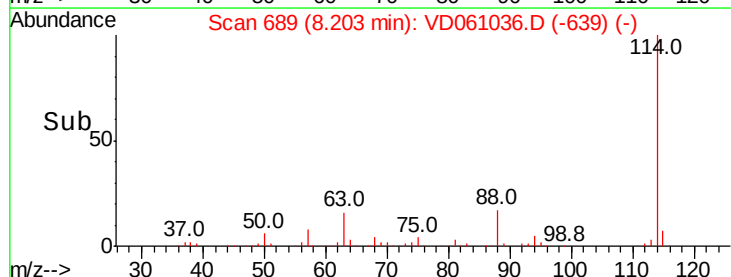
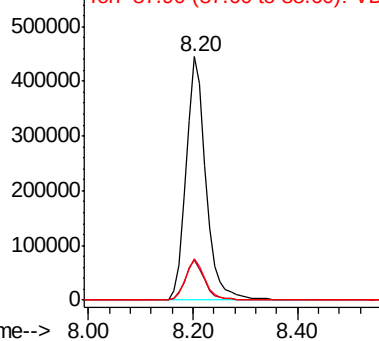
88 16.9 0.0 33.0

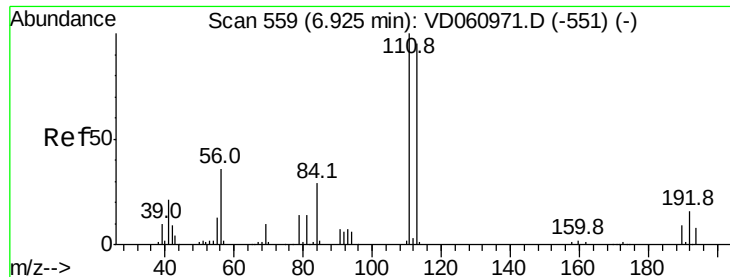


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

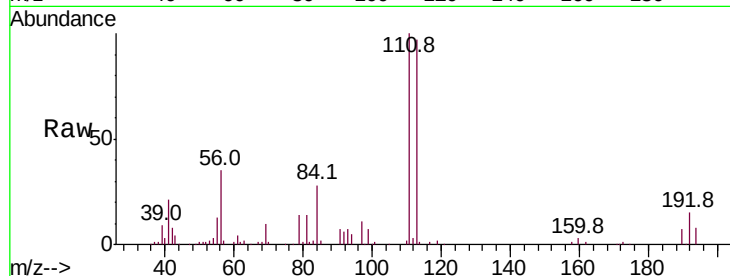
Tot Ion:113 Resp: 454555

Ion Ratio Lower Upper

113 100

111 103.4 84.2 126.4

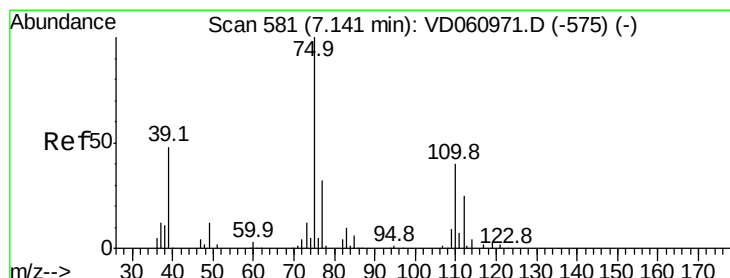
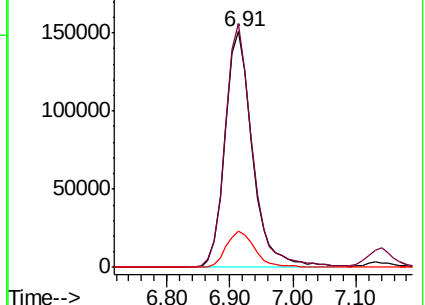
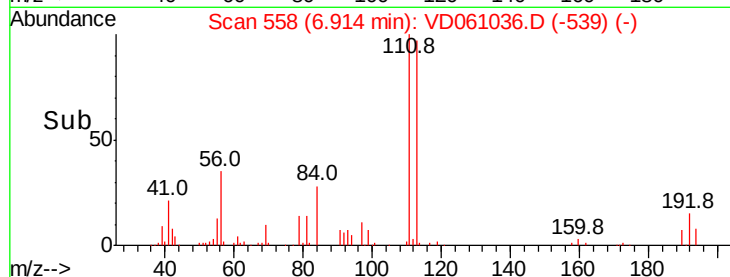
192 15.7 13.1 19.7



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: 49.378 ug/l

RT: 7.14 min Scan# 581

Delta R.T. -0.00 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

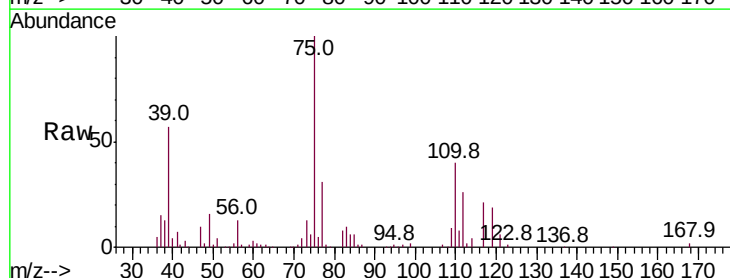
Tgt Ion: 75 Resp: 501279

Ion Ratio Lower Upper

75 100

110 40.4 19.7 59.1

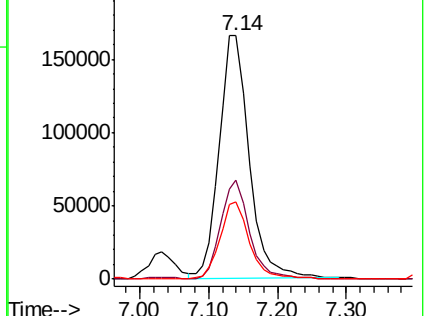
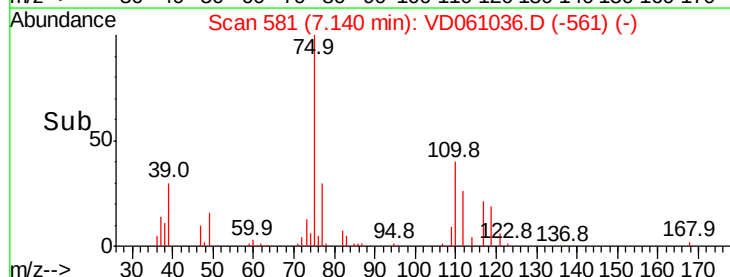
77 31.5 24.7 37.1

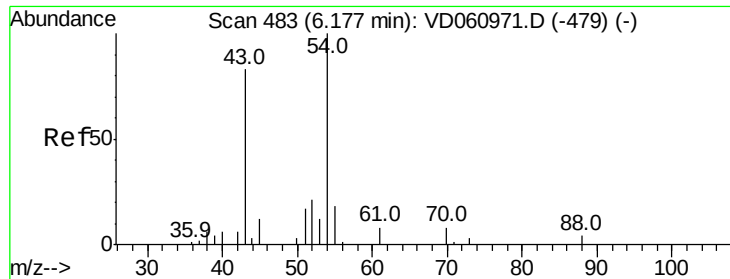


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

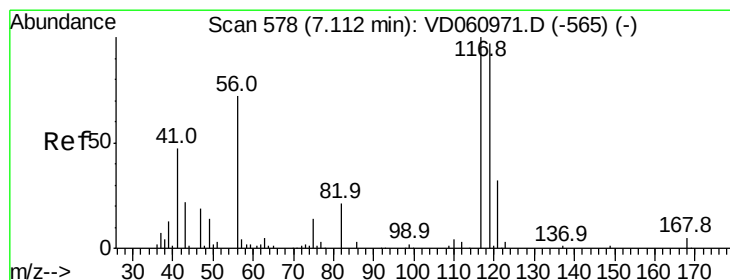
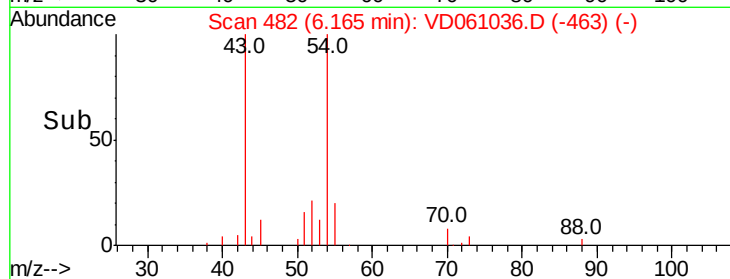
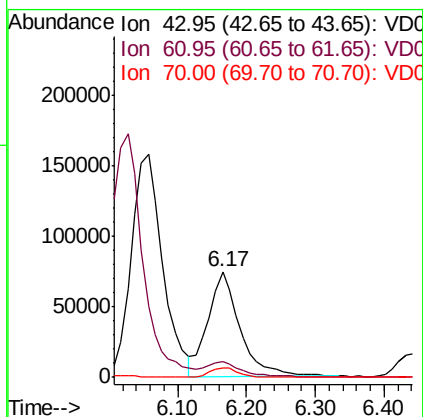
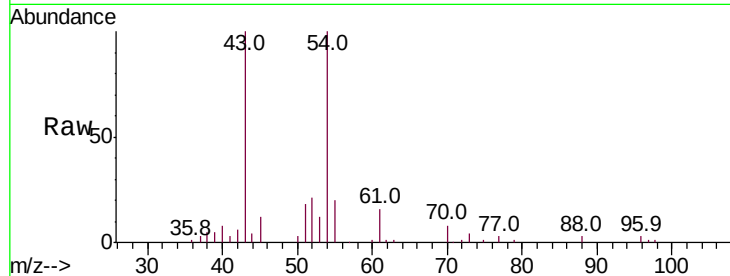
Ion 76.95 (76.65 to 77.65): V





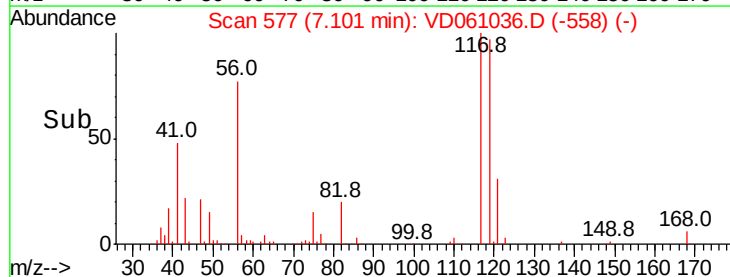
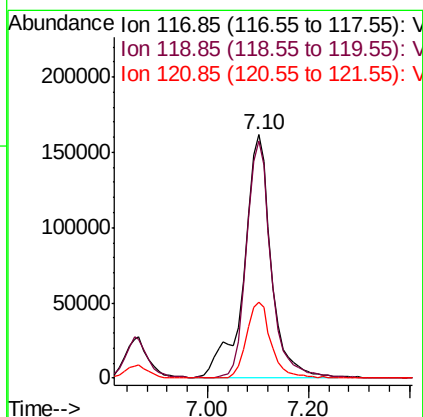
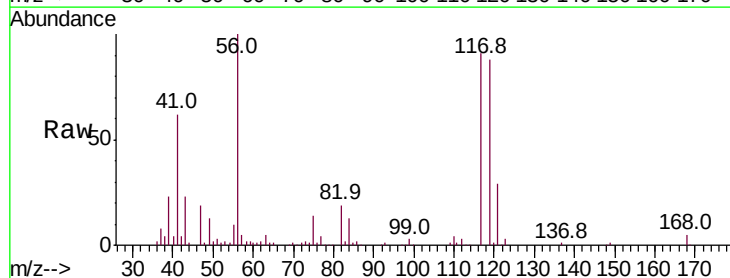
#37
Ethyl Acetate
Concen: 50.394 ug/l
RT: 6.17 min Scan# 482
Delta R.T. -0.01 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

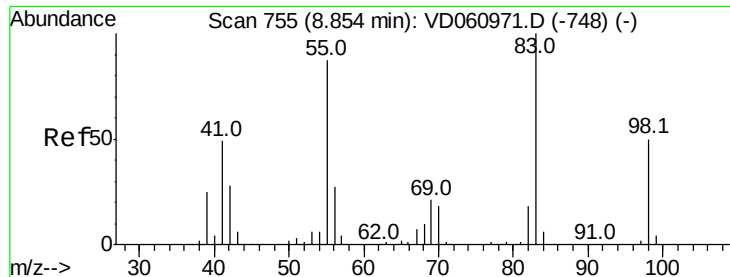
Tot Ion: 43 Resp: 240070
Ion Ratio Lower Upper
43 100
61 15.5 13.7 20.5
70 8.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 53.889 ug/l
RT: 7.10 min Scan# 577
Delta R.T. -0.01 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

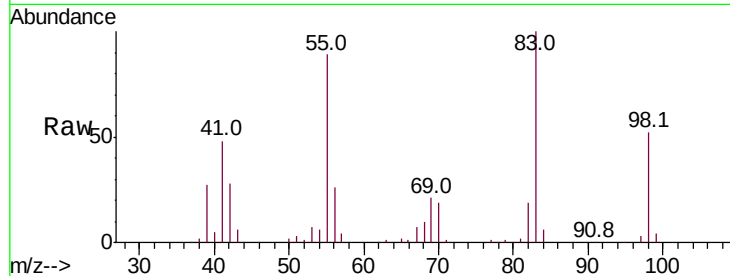
Tgt Ion: 117 Resp: 602615
Ion Ratio Lower Upper
117 100
119 97.3 77.8 116.8
121 31.4 25.3 37.9



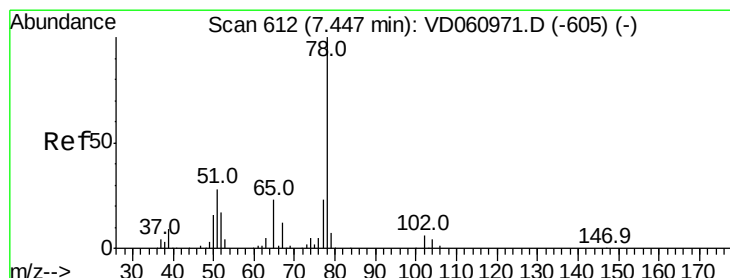
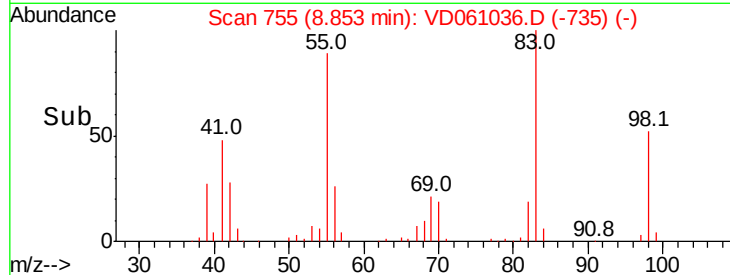
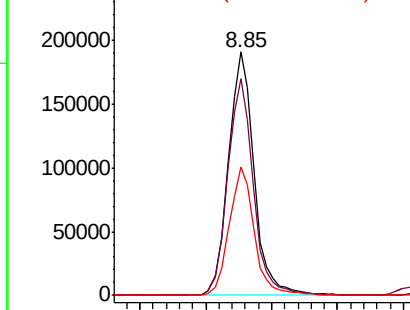


#39
Methylvlcyclohexane
Concen: 49.765 ug/l
RT: 8.85 min Scan# 755
Delta R.T. -0.00 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tot Ion: 83 Resp: 523852
Ion Ratio Lower Upper
83 100
55 89.2 69.6 104.4
98 52.5 40.0 60.0

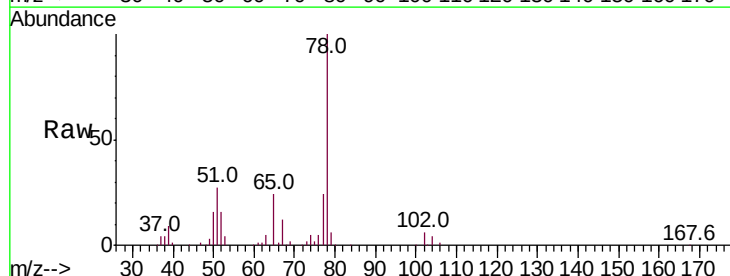


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

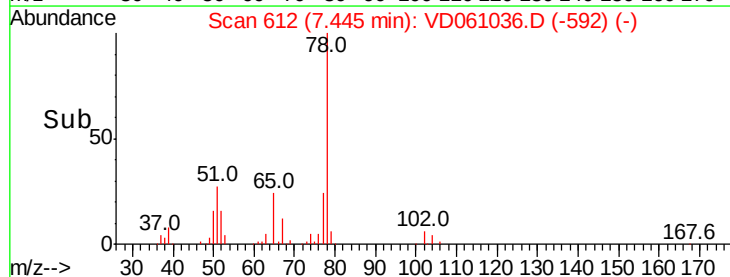
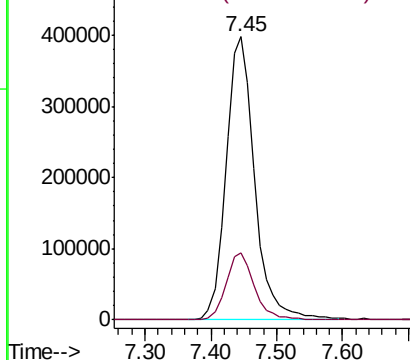


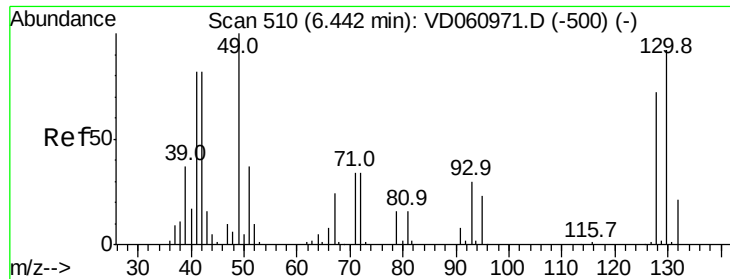
#40
Benzene
Concen: 47.578 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tgt Ion: 78 Resp: 1206893
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2



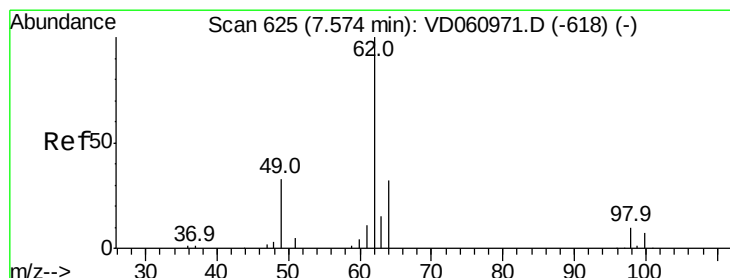
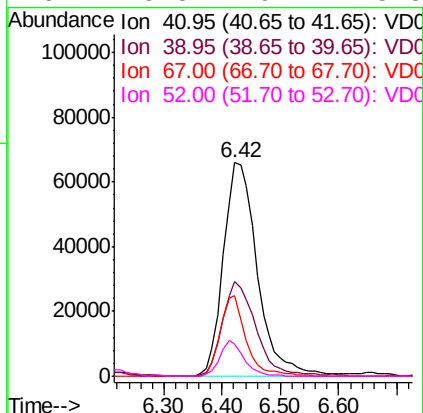
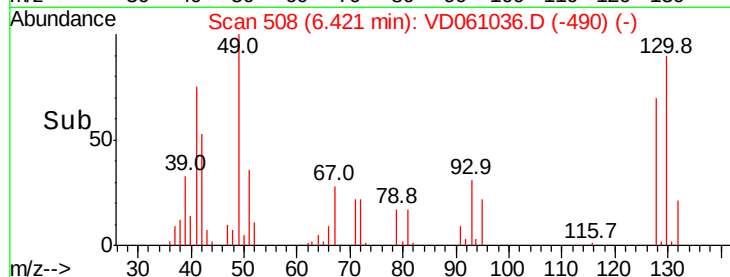
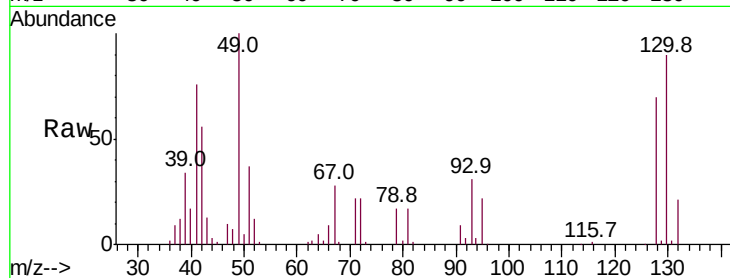
Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC





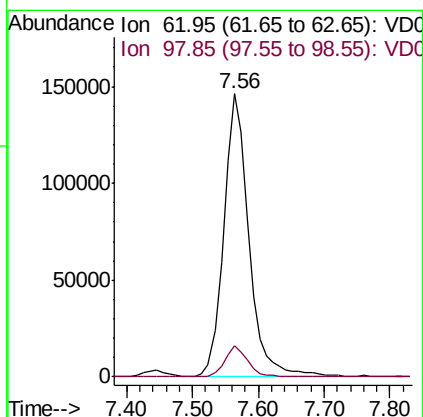
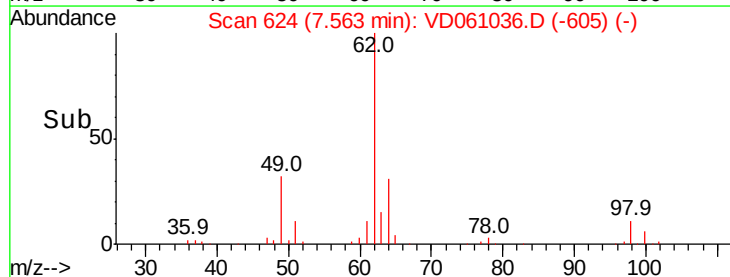
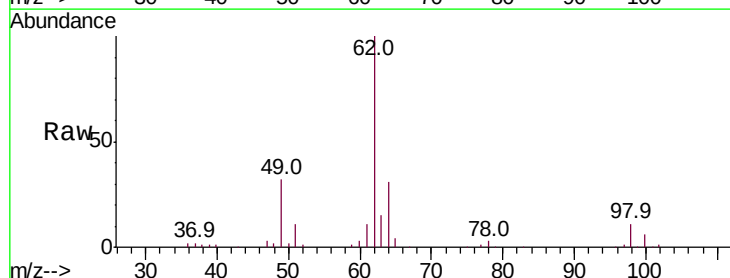
#41
Methacrylonitrile
Concen: 48.877 ug/l
RT: 6.42 min Scan# 508
Delta R.T. -0.02 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

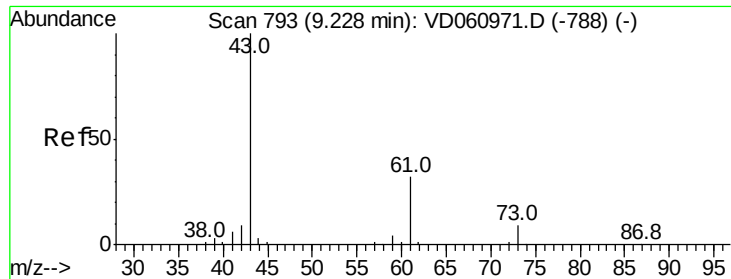
Tot Ion: 41 Resp: 267821
Ion Ratio Lower Upper
41 100
39 44.4 35.7 53.5
67 37.5 23.0 34.6#
52 15.3 9.2 13.8#



#42
1,2-Dichloroethane
Concen: 52.946 ug/l
RT: 7.56 min Scan# 624
Delta R.T. -0.01 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tgt Ion: 62 Resp: 389757
Ion Ratio Lower Upper
62 100
98 11.1 0.0 20.4





#43

Isopropyl Acetate

Concen: 48.451 ug/l

RT: 9.23 min Scan# 793

Delta R.T. -0.00 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

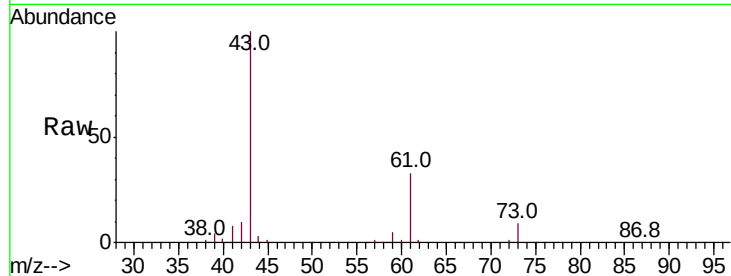
Tot Ion: 43 Resp: 319685

Ion Ratio Lower Upper

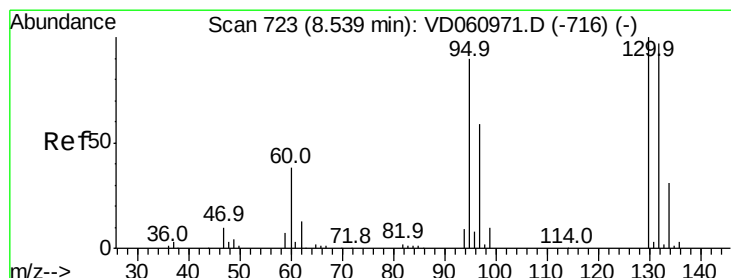
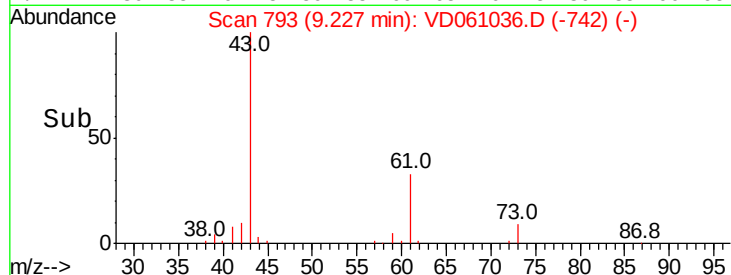
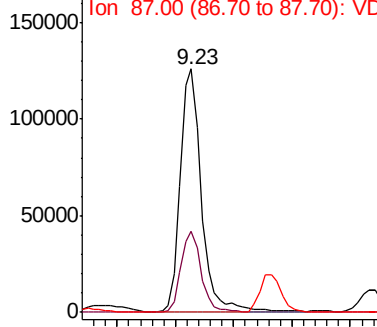
43 100

61 33.4 25.6 38.4

87 0.3 0.2 0.4



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: 52.824 ug/l

RT: 8.53 min Scan# 722

Delta R.T. -0.01 min

Lab File: VD061036.D

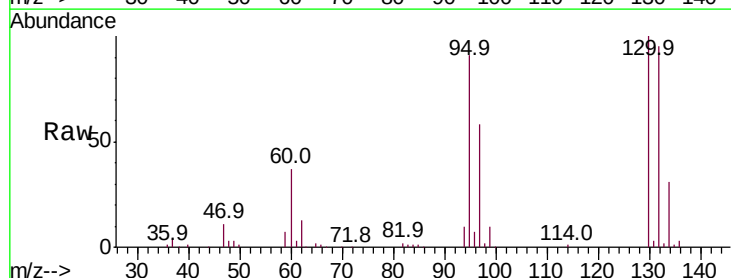
Acq: 13 Mar 2019 12:05

Tgt Ion:130 Resp: 462282

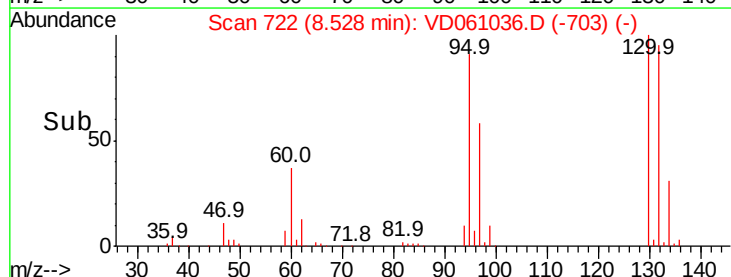
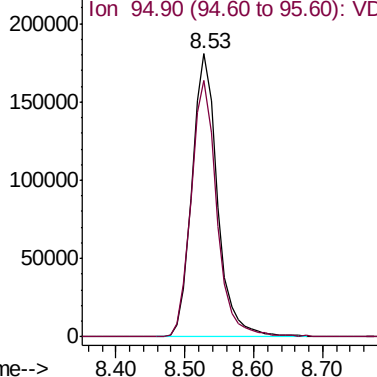
Ion Ratio Lower Upper

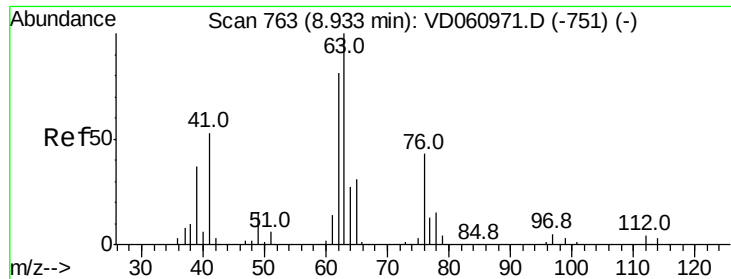
130 100

95 90.5 0.0 179.4



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





#45

1,2-Dichloropropane

Concen: 51.549 ug/l

RT: 8.92 min Scan# 762

Delta R.T. -0.01 min

Lab File: VD061036.D

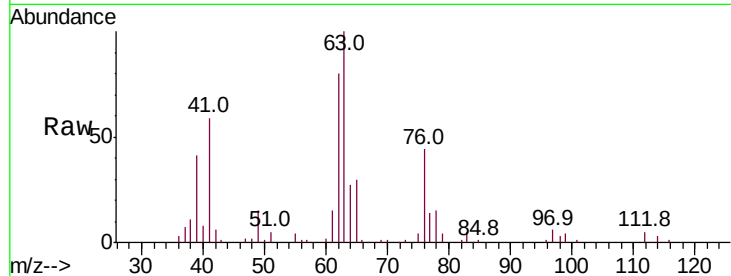
Acq: 13 Mar 2019 12:05

Tot Ion: 63 Resp: 343547

Ion Ratio Lower Upper

63 100

65 30.1 24.8 37.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

150000

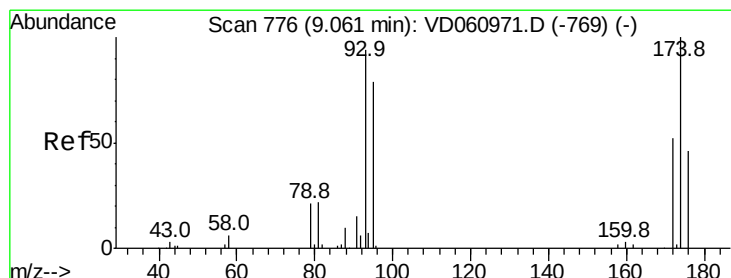
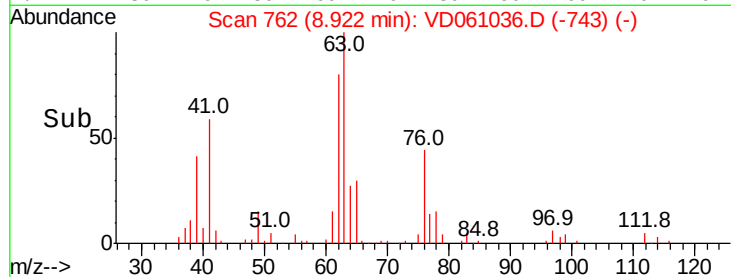
100000

50000

0

8.70 8.80 8.90 9.00 9.10

Time-->



#46

Dibromomethane

Concen: 51.803 ug/l

RT: 9.05 min Scan# 775

Delta R.T. -0.01 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

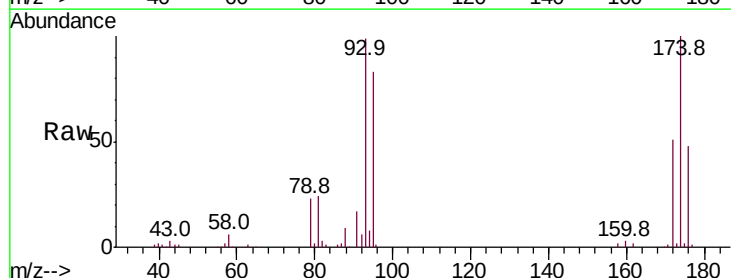
Tgt Ion: 93 Resp: 218993

Ion Ratio Lower Upper

93 100

95 83.7 67.4 101.0

174 101.0 85.4 128.0



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

120000

100000

80000

60000

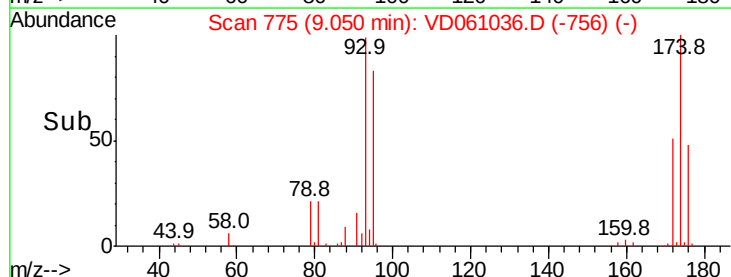
40000

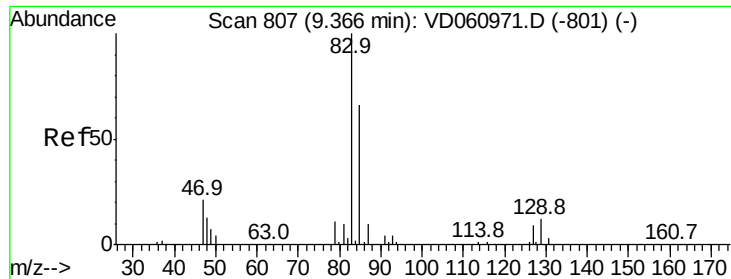
20000

0

8.90 9.00 9.10 9.20

Time-->





#47

Bromodichloromethane

Concen: 51.925 ug/l

RT: 9.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

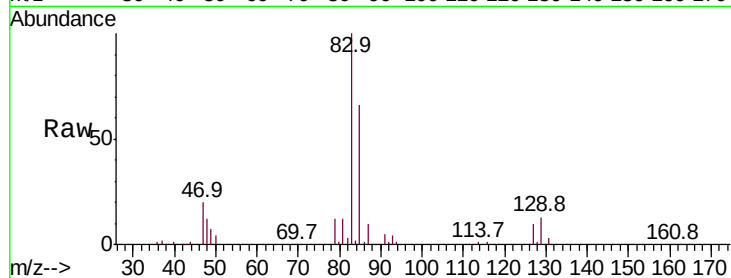
Tot Ion: 83 Resp: 495345

Ion Ratio Lower Upper

83 100

85 65.8 52.5 78.7

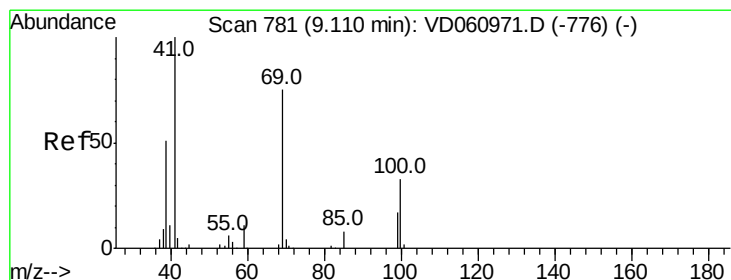
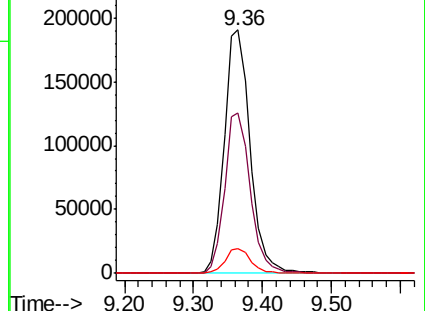
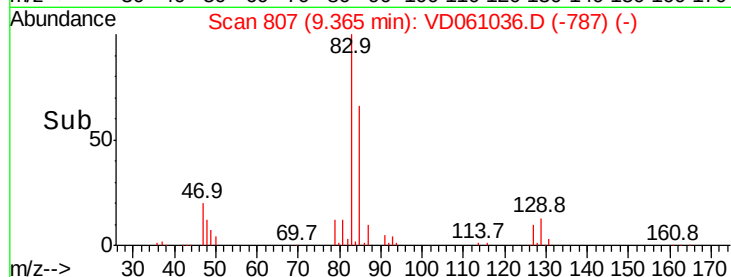
127 10.2 7.5 11.3



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: 52.334 ug/l

RT: 9.11 min Scan# 781

Delta R.T. -0.00 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

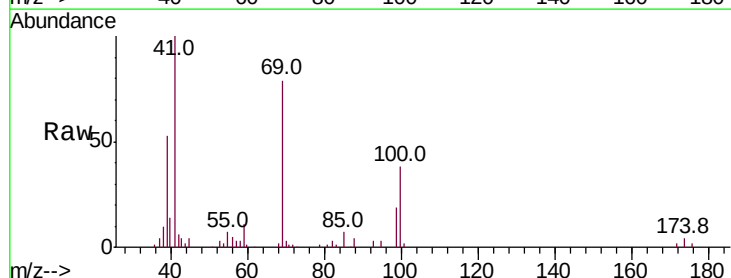
Tgt Ion: 41 Resp: 194421

Ion Ratio Lower Upper

41 100

69 78.6 59.9 89.9

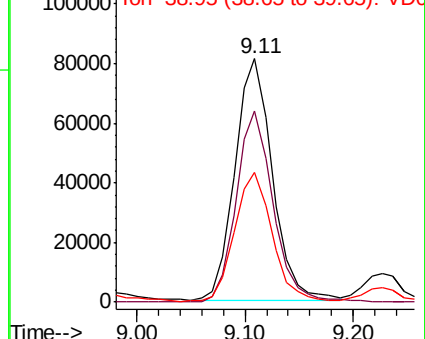
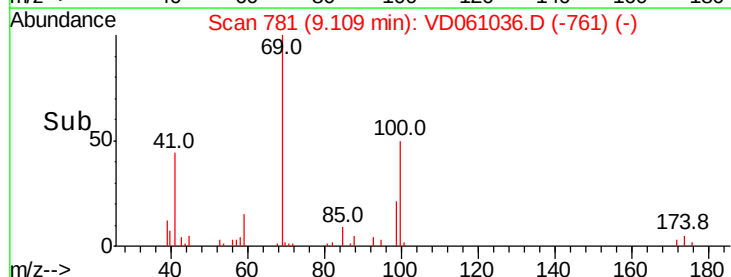
39 53.1 40.9 61.3

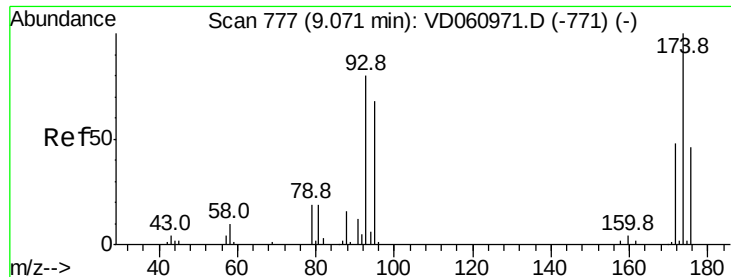


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

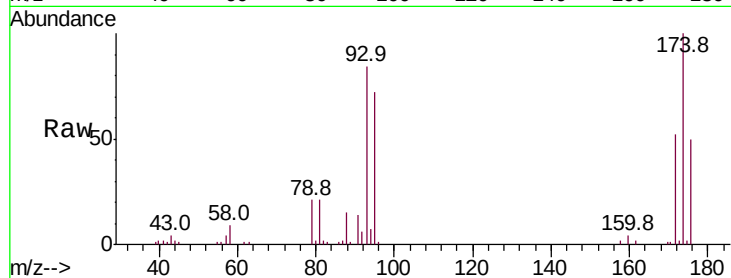
Ion 38.95 (38.65 to 39.65): VDC



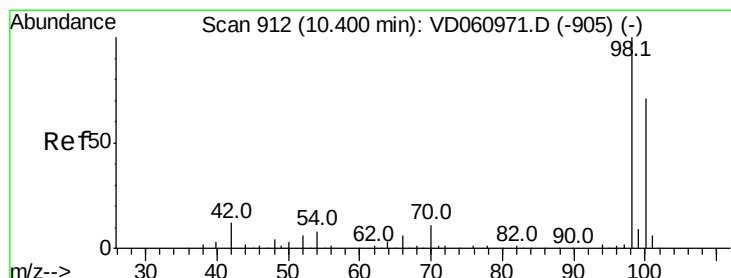
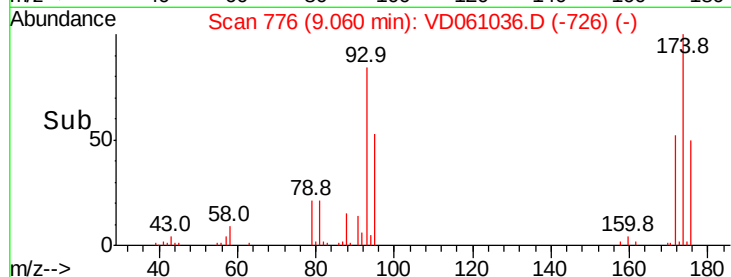
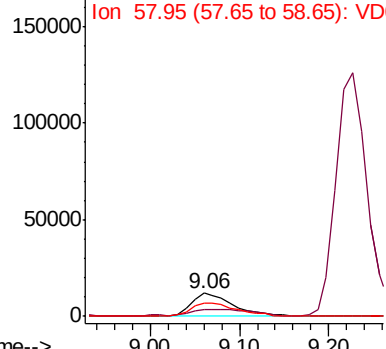


#49
1,4-Dioxane
Concen: 1055.148 ug/l
RT: 9.06 min Scan# 776
Delta R.T. -0.01 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tot Ion	88	Resp	39637
Ion	Ratio	Lower	Upper
88	100		
43	27.7	21.0	31.6
58	58.8	48.6	72.8

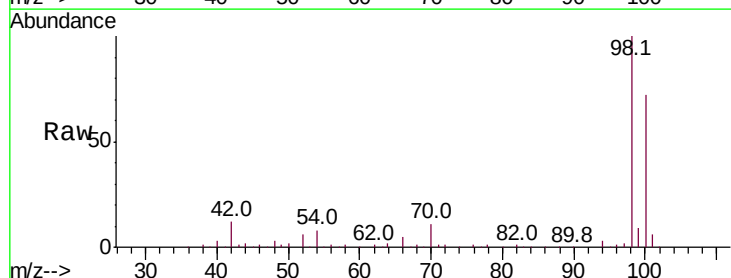


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

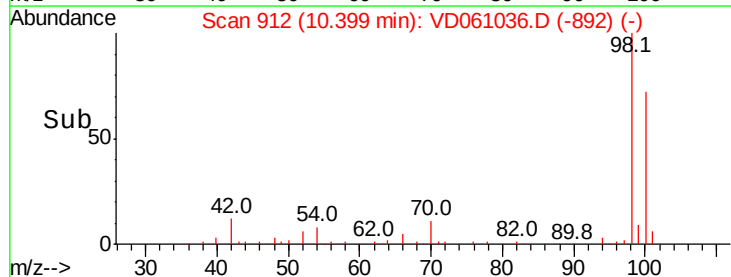
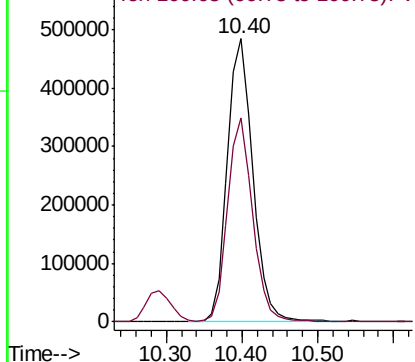


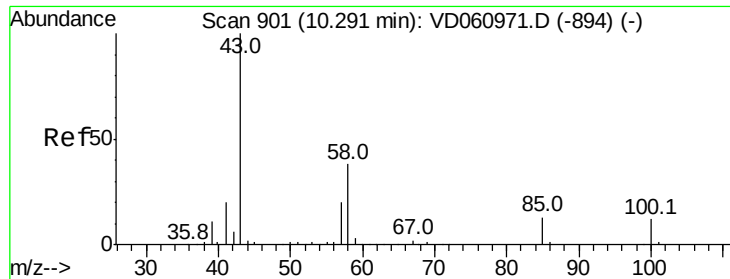
#50
Toluene-d8
Concen: 1055.148 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tgt Ion	98	Resp	1134166
Ion	Ratio	Lower	Upper
98	100		
100	72.3	57.4	86.2



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: 248.421 ug/l

RT: 10.29 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD061036.D

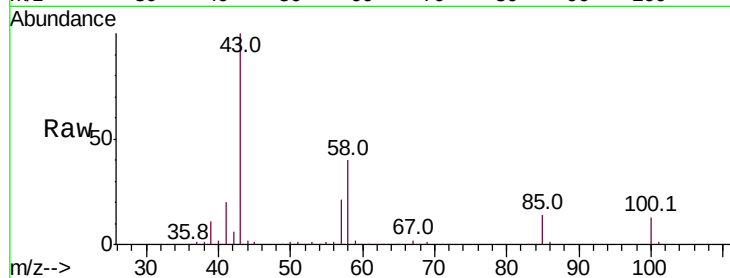
Acq: 13 Mar 2019 12:05

Tot Ion: 43 Resp: 1004167

Ion Ratio Lower Upper

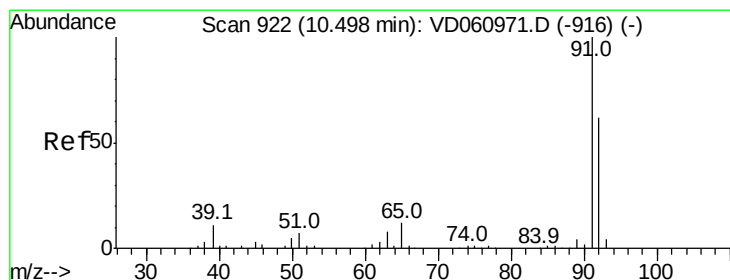
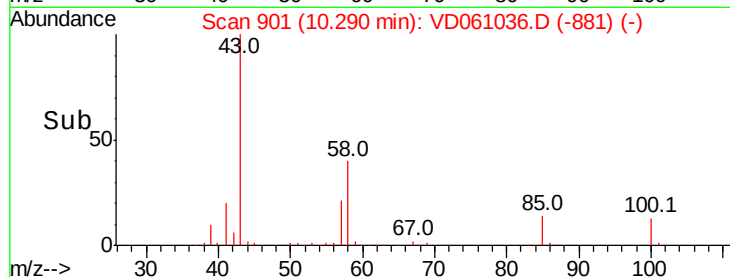
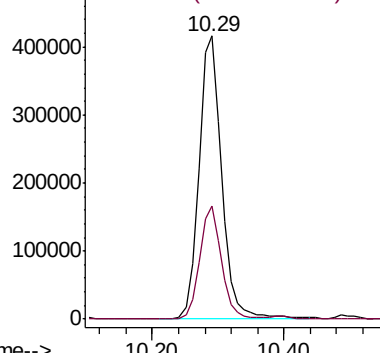
43 100

58 40.2 30.2 45.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 51.313 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.00 min

Lab File: VD061036.D

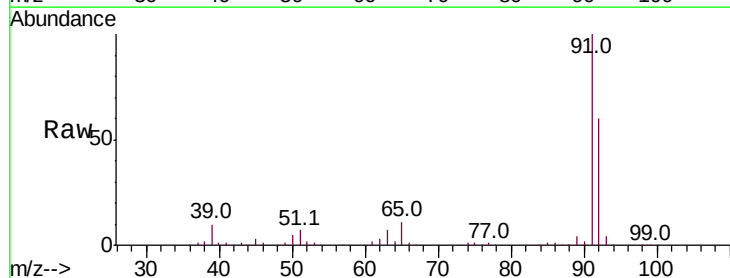
Acq: 13 Mar 2019 12:05

Tgt Ion: 92 Resp: 809421

Ion Ratio Lower Upper

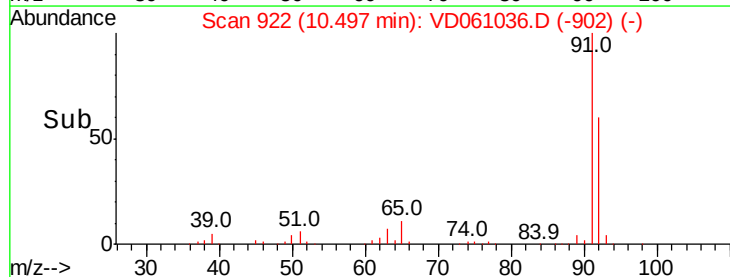
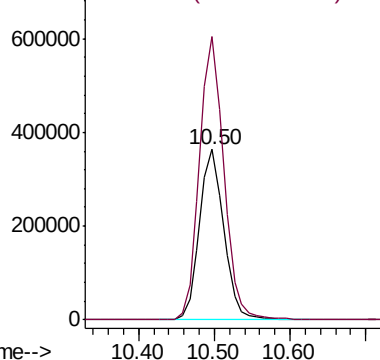
92 100

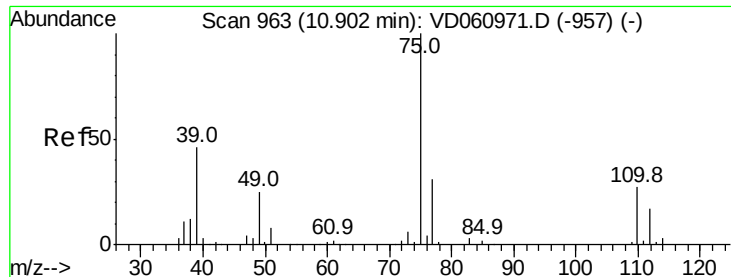
91 166.1 129.8 194.8



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: 51.858 ug/l

RT: 10.90 min Scan# 963

Delta R.T. -0.00 min

Lab File: VD061036.D

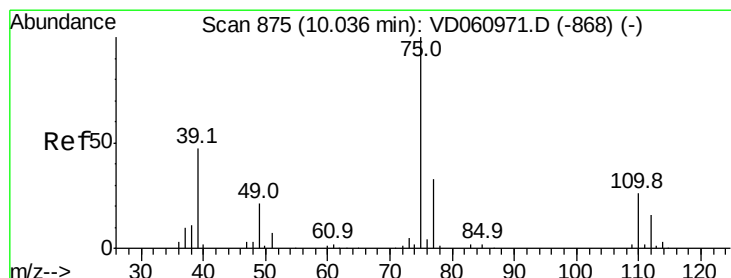
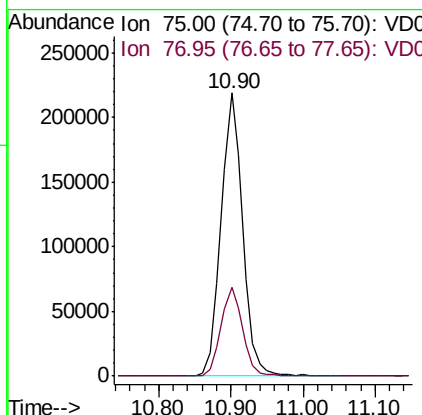
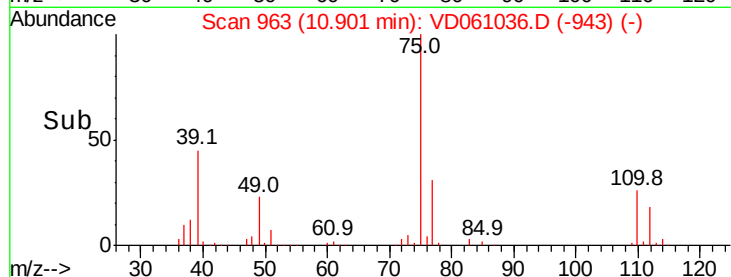
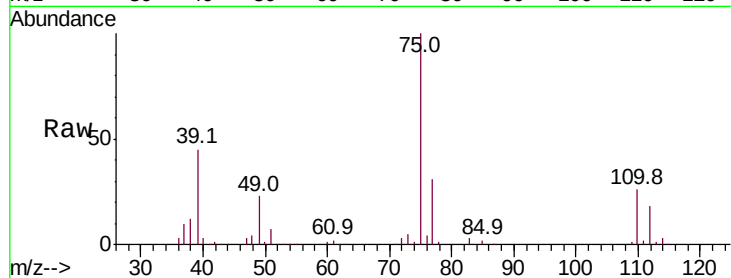
Acq: 13 Mar 2019 12:05

Tot Ion: 75 Resp: 452348

Ion Ratio Lower Upper

75 100

77 31.3 24.7 37.1



#54

cis-1,3-Dichloropropene

Concen: 54.188 ug/l

RT: 10.02 min Scan# 874

Delta R.T. -0.01 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

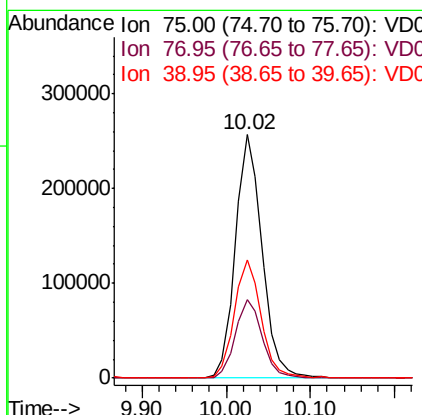
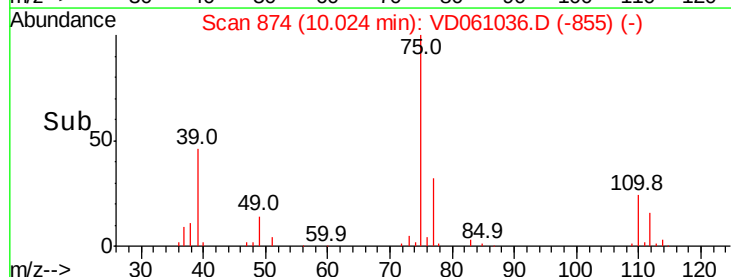
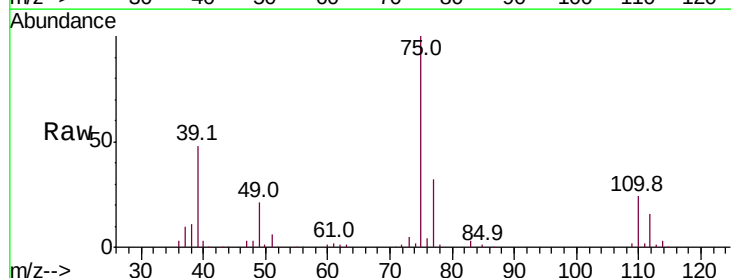
Tgt Ion: 75 Resp: 567931

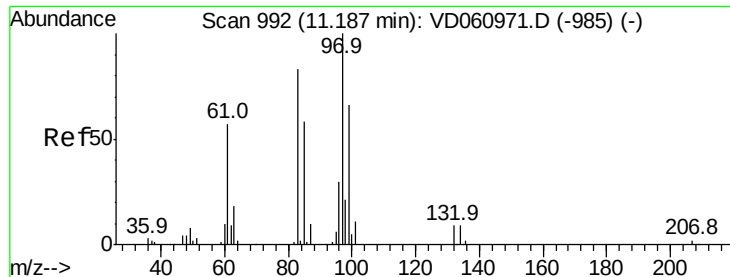
Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.4

39 48.3 37.8 56.8





#55

1,1,2-Trichloroethane

Concen: 51.866 ug/l

RT: 11.18 min Scan# 991

Delta R.T. -0.01 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

Tot Ion: 97 Resp: 272456

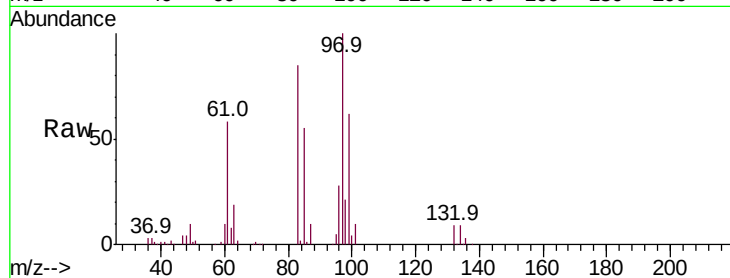
Ion Ratio Lower Upper

97 100

83 85.1 66.6 100.0

85 55.0 46.4 69.6

99 61.9 52.4 78.6

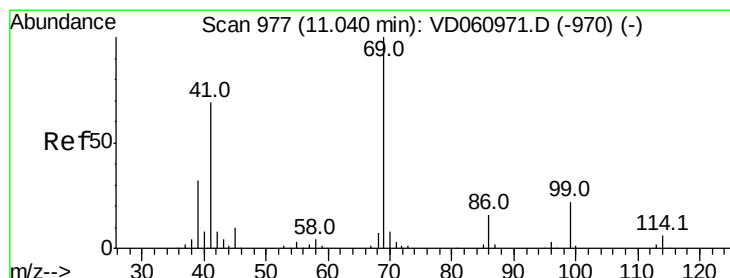
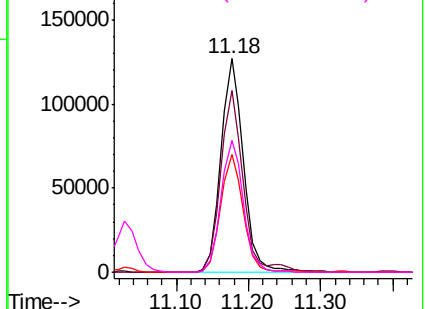
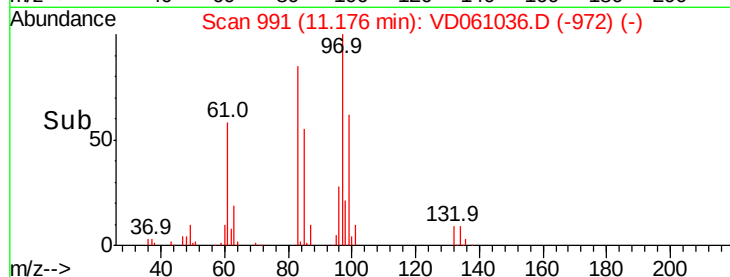


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 52.422 ug/l

RT: 11.03 min Scan# 976

Delta R.T. -0.01 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

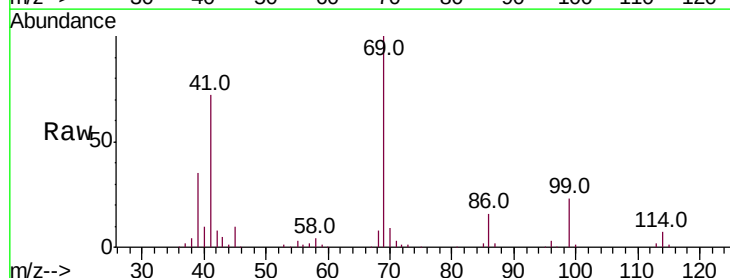
Tgt Ion: 69 Resp: 288239

Ion Ratio Lower Upper

69 100

41 72.3 55.5 83.3

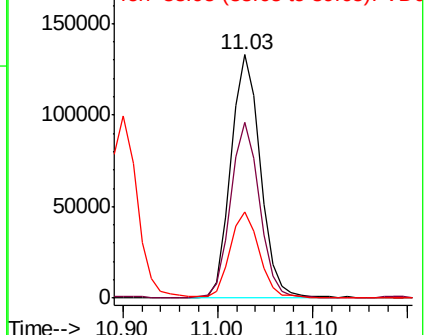
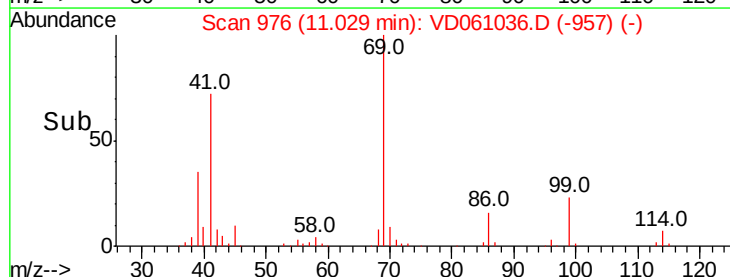
39 35.4 26.2 39.2

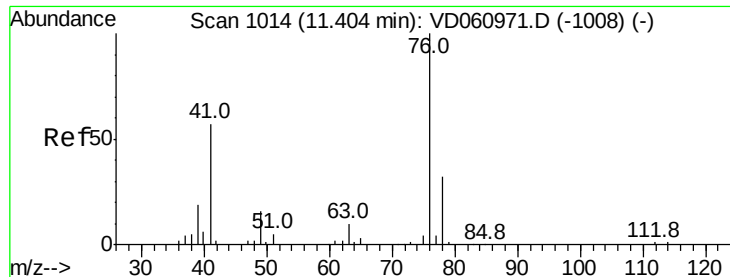


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

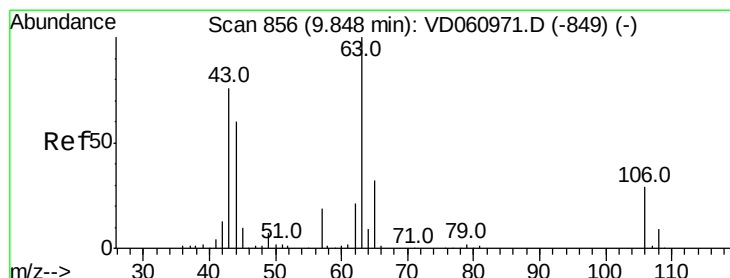
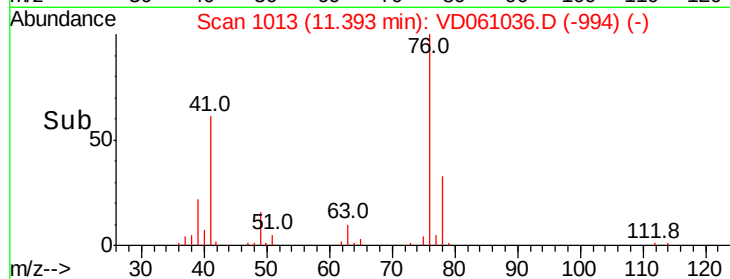
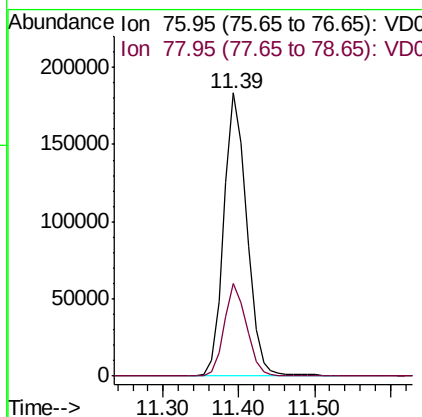
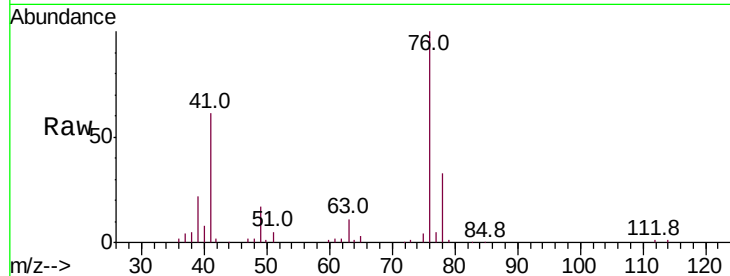
Ion 38.95 (38.65 to 39.65): VDC





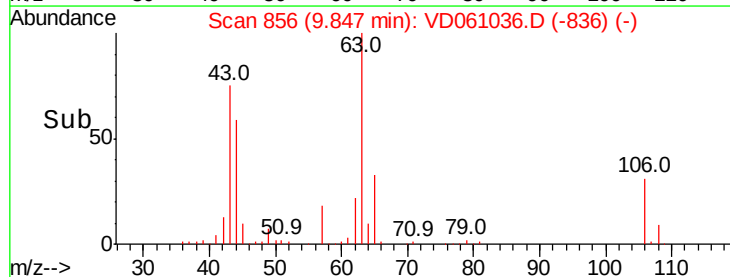
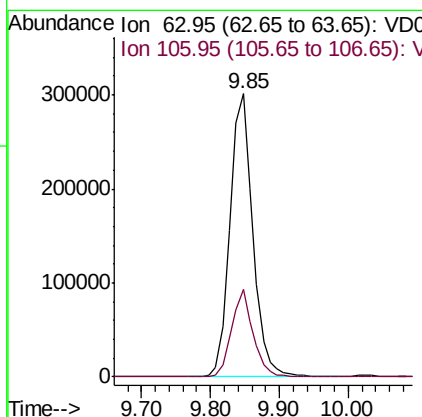
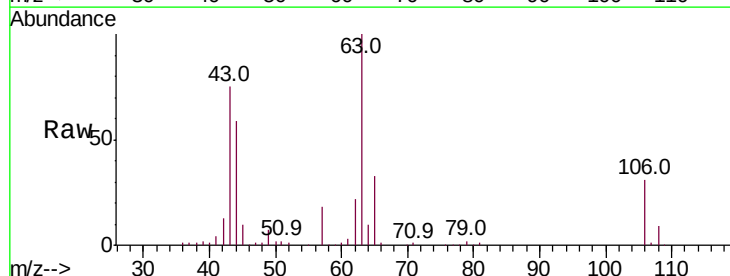
#57
 1,3-Dichloropropane
 Concen: 49.179 ug/l
 RT: 11.39 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VD061036.D
 Acq: 13 Mar 2019 12:05

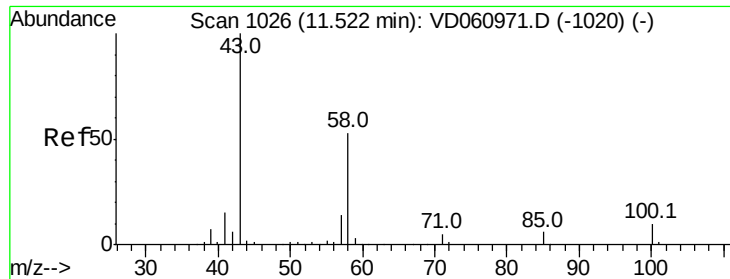
Tot Ion: 76 Resp: 386067
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.359 ug/l
 RT: 9.85 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VD061036.D
 Acq: 13 Mar 2019 12:05

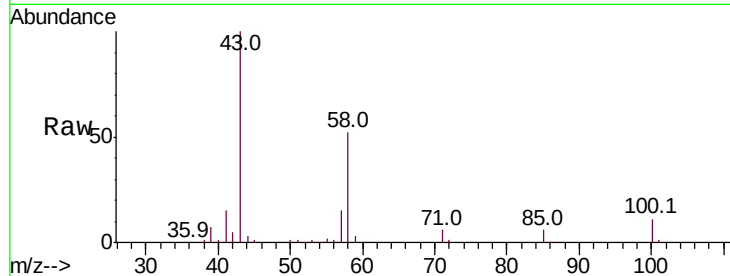
Tgt Ion: 63 Resp: 690825
 Ion Ratio Lower Upper
 63 100
 106 30.8 22.8 34.2



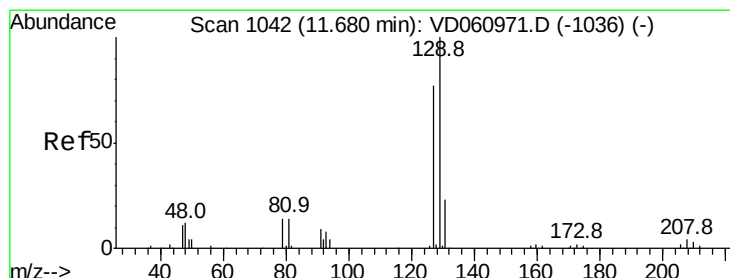
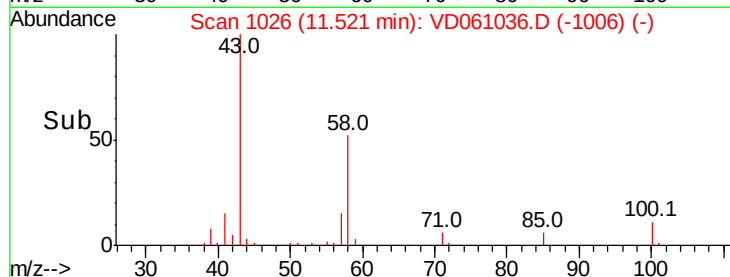
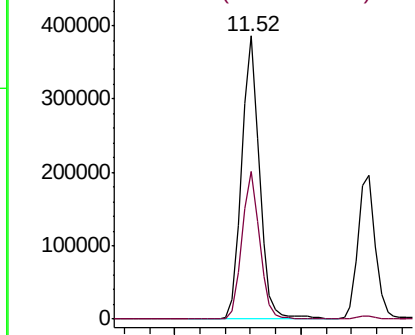


#59
2-Hexanone
Concen: 251.664 ug/l
RT: 11.52 min Scan# 1026
Delta R.T. -0.00 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tot Ion: 43 Resp: 744131
Ion Ratio Lower Upper
43 100
58 52.3 26.5 79.5

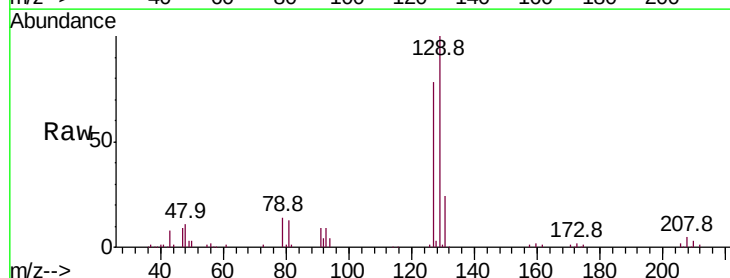


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

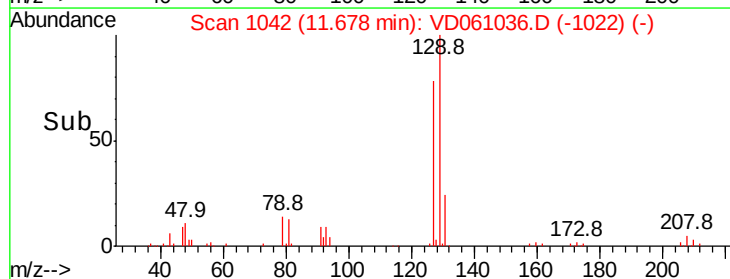
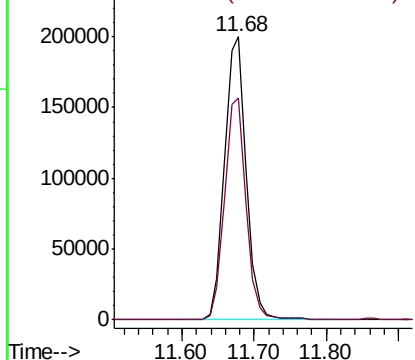


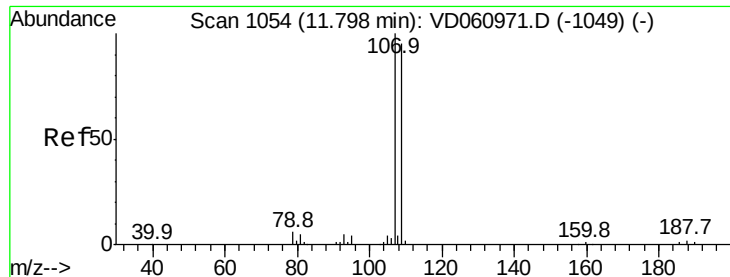
#60
Dibromochloromethane
Concen: 53.593 ug/l
RT: 11.68 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tgt Ion: 129 Resp: 414329
Ion Ratio Lower Upper
129 100
127 78.3 38.3 114.9



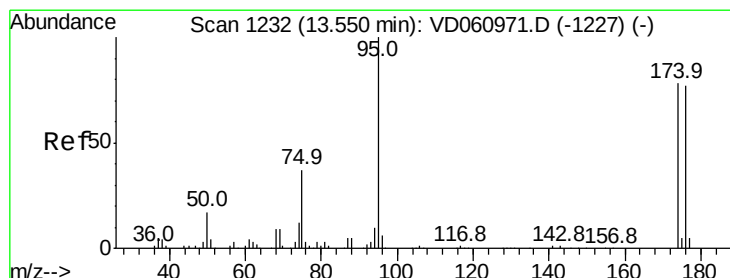
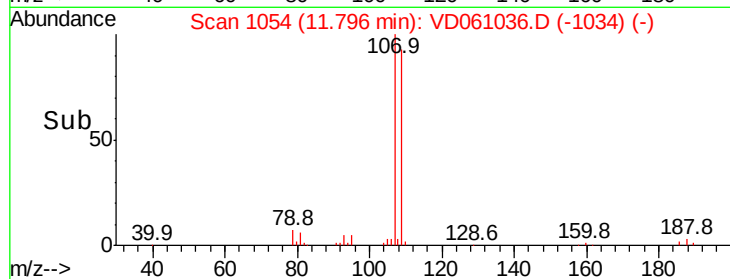
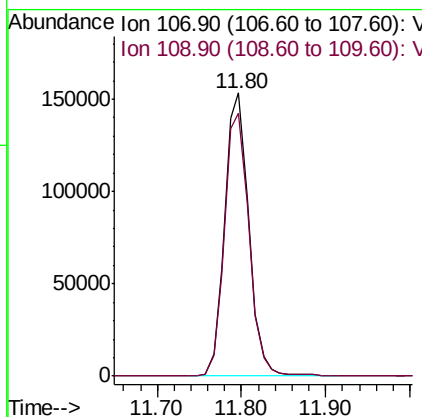
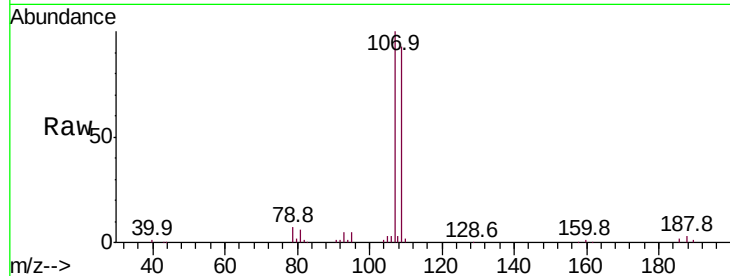
Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





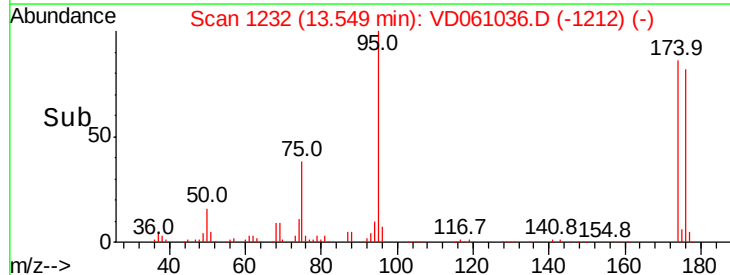
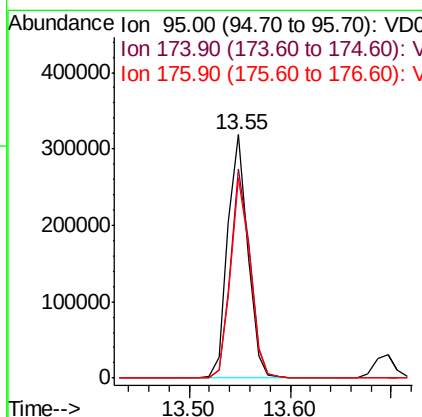
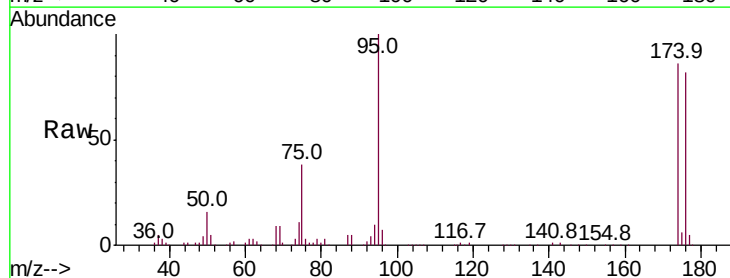
#61
 1,2-Dibromoethane
 Concen: 49.674 ug/l
 RT: 11.80 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VD061036.D
 Acq: 13 Mar 2019 12:05

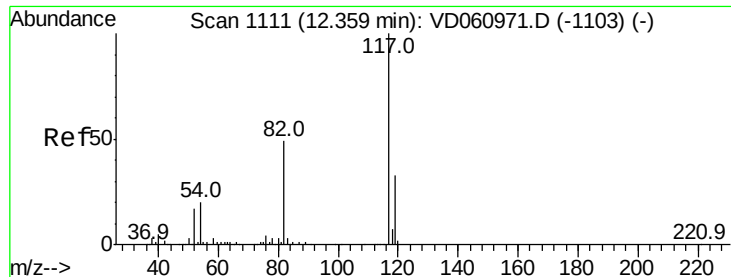
Tot Ion:107 Resp: 303553
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 49.674 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VD061036.D
 Acq: 13 Mar 2019 12:05

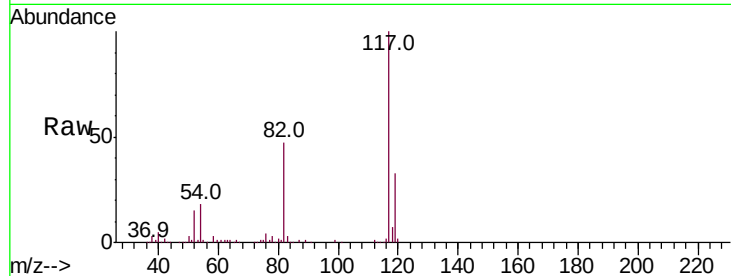
Tgt Ion: 95 Resp: 439565
 Ion Ratio Lower Upper
 95 100
 174 85.7 0.0 155.6
 176 82.2 0.0 153.8



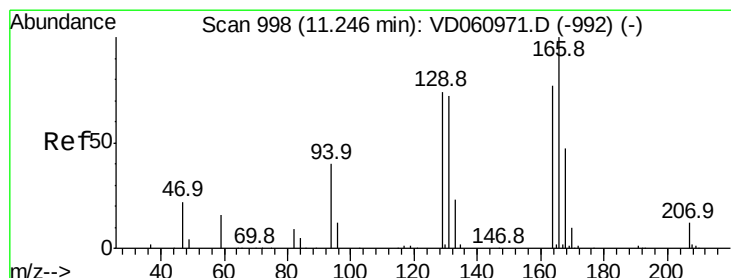
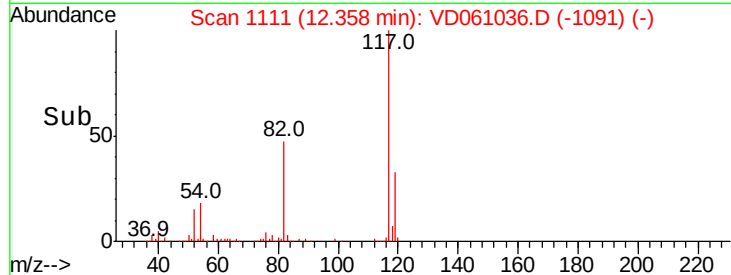
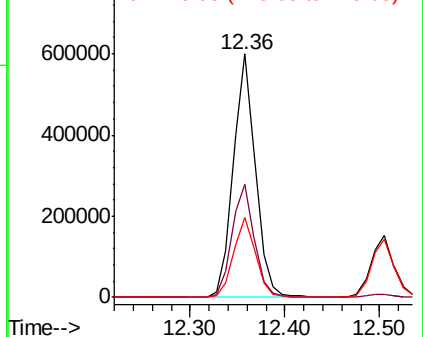


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tot Ion	Ratio	Lower	Upper
117	100		
82	46.6	38.9	58.3
119	32.6	26.6	39.8

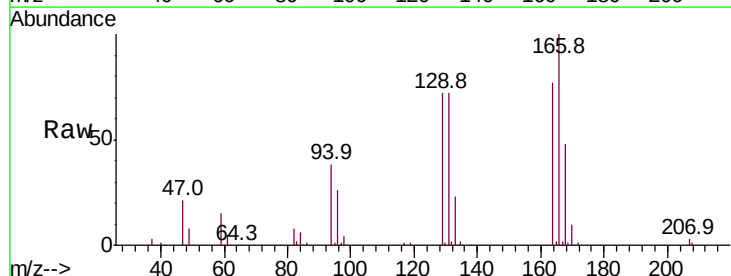


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

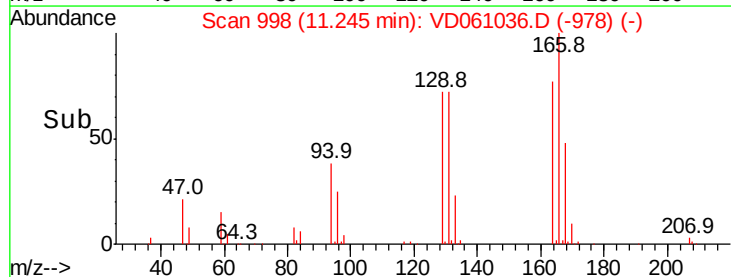
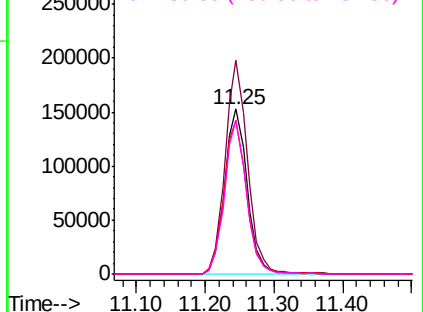


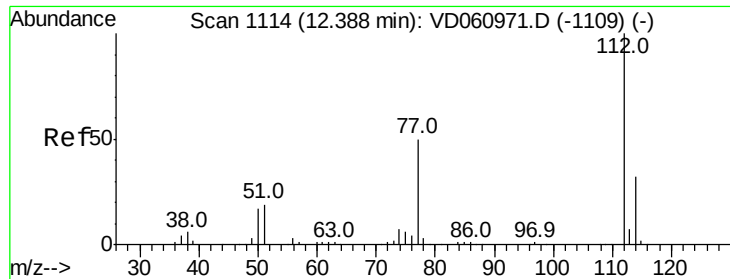
#64
Tetrachloroethene
Concen: 52.992 ug/l
RT: 11.25 min Scan# 998
Delta R.T. -0.00 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.7	103.4	155.0
129	93.3	76.9	115.3
131	93.4	74.4	111.6



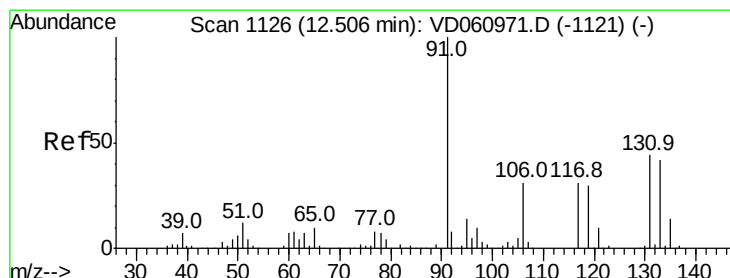
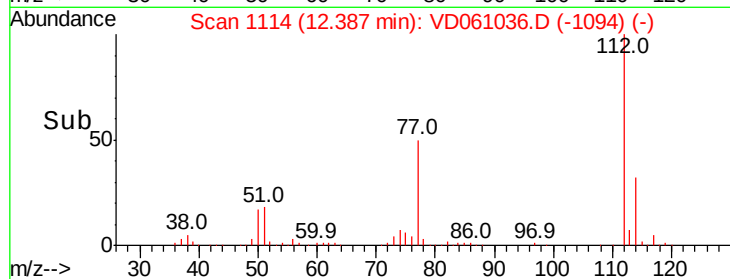
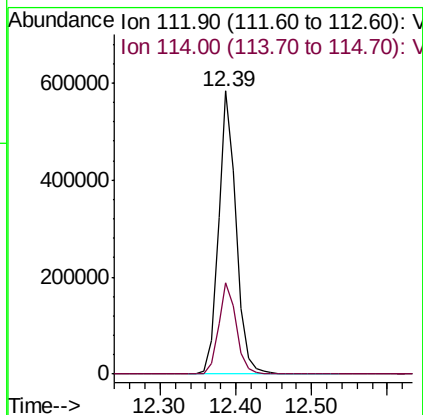
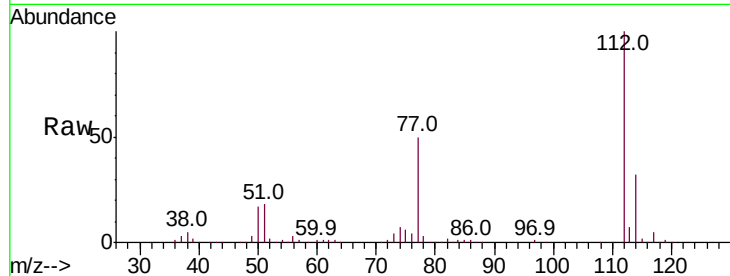
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





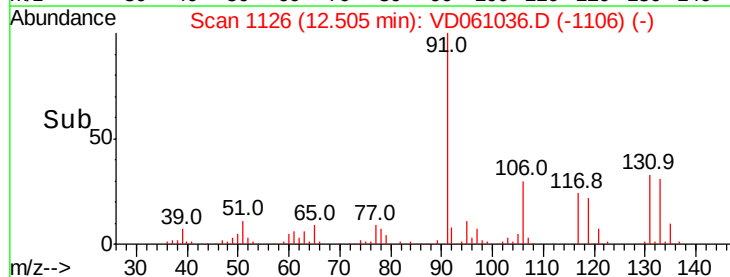
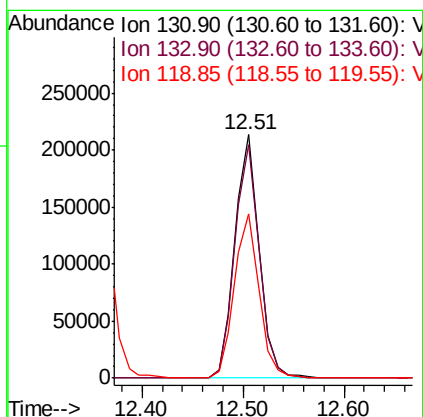
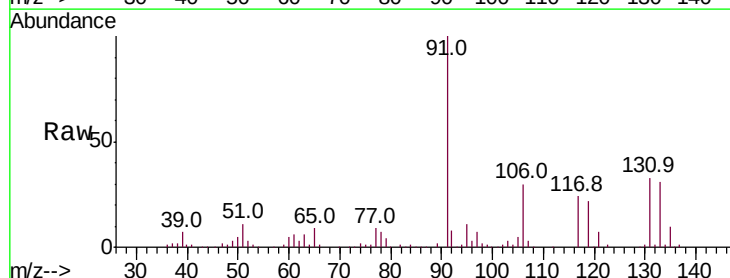
#65
Chlorobenzene
Concen: 49.659 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

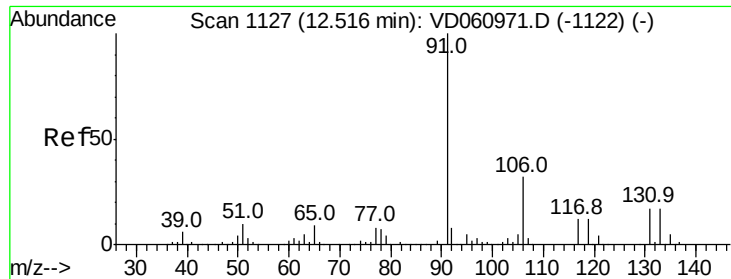
Tot Ion:112 Resp: 946196
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.403 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

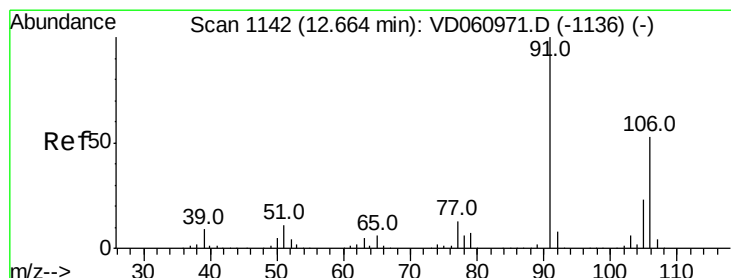
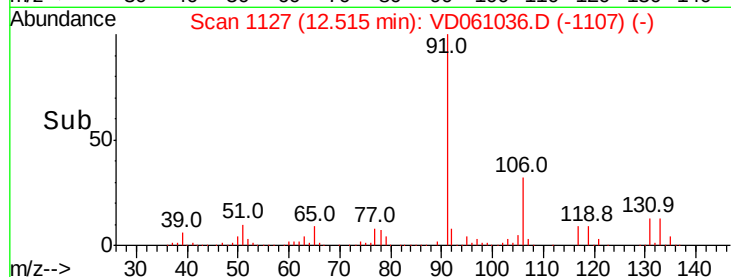
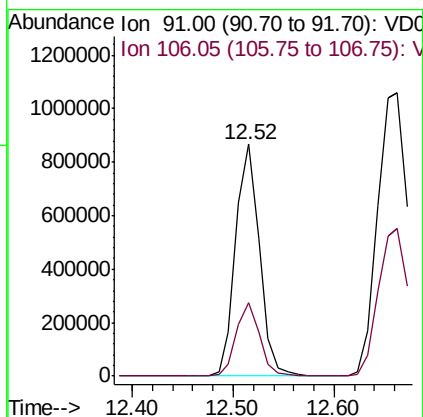
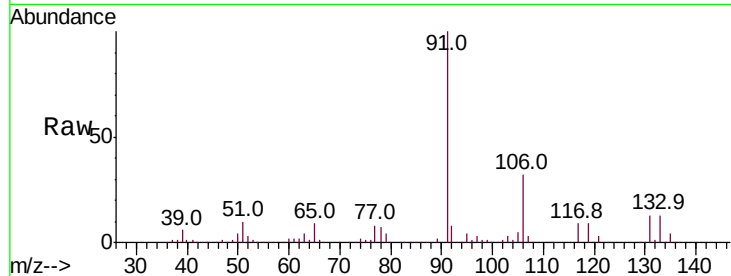
Tgt Ion:131 Resp: 355910
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 67.4 34.3 102.9





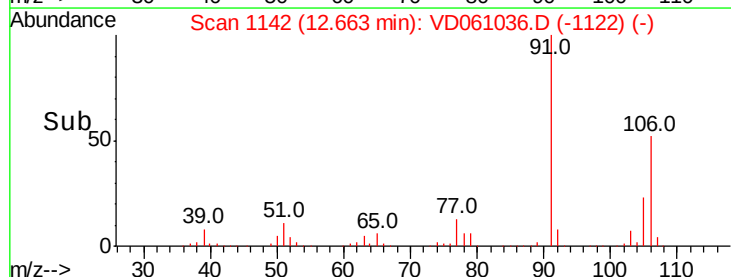
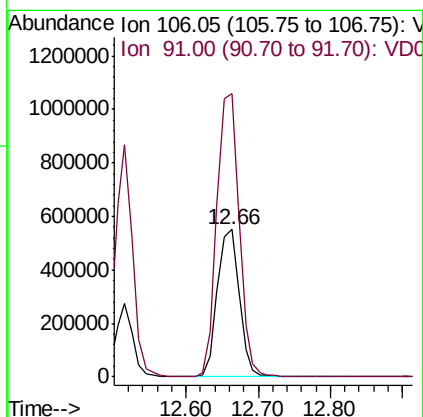
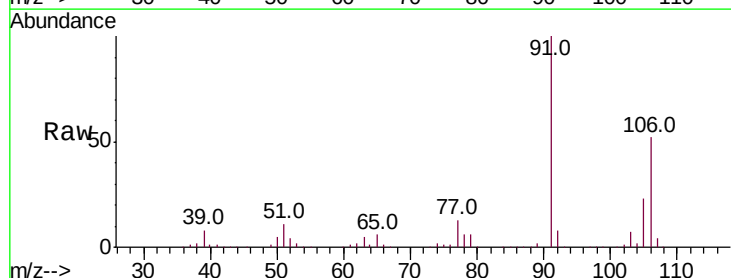
#67
Ethyl Benzene
Concen: 50.294 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

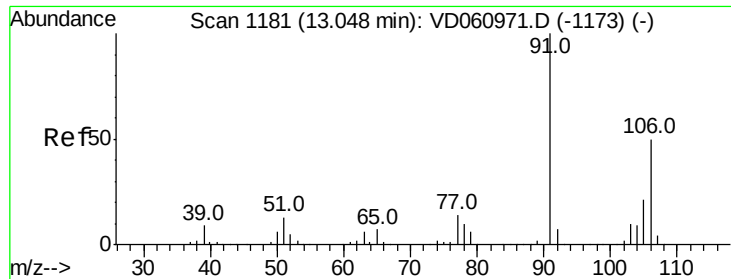
Tot Ion: 91 Resp: 1426657
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5



#68
m/p-Xylenes
Concen: 104.353 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

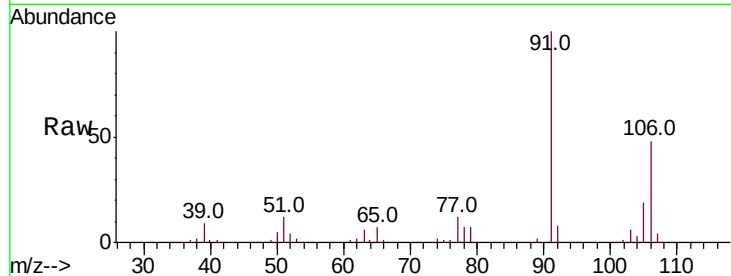
Tgt Ion: 106 Resp: 1161824
Ion Ratio Lower Upper
106 100
91 192.3 152.0 228.0



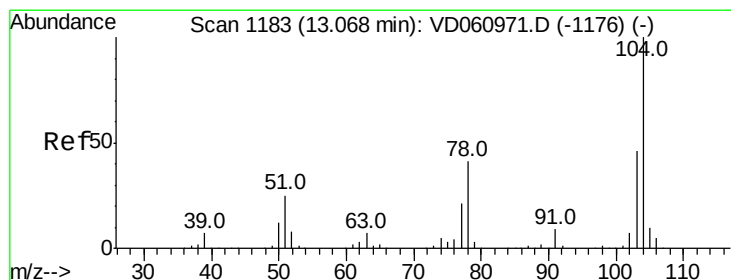
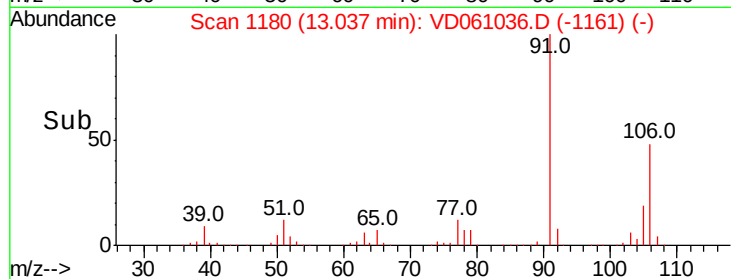
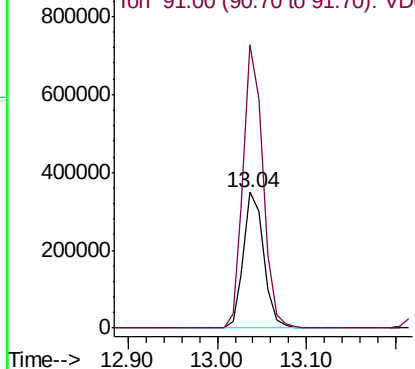


#69
o-Xylene
Concen: 50.598 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tot Ion:106 Resp: 553742
Ion Ratio Lower Upper
106 100
91 208.5 99.8 299.3

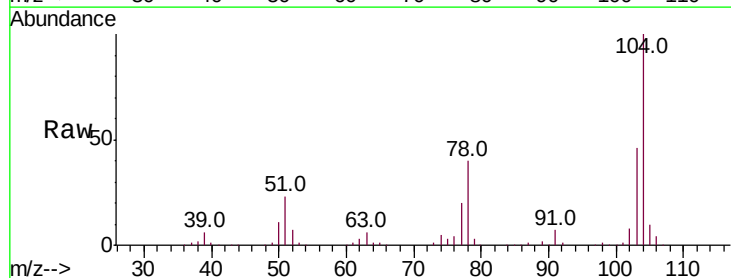


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

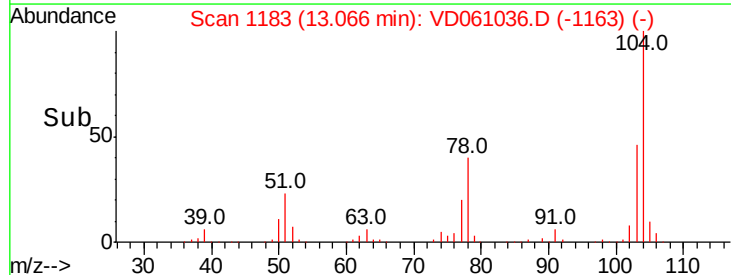
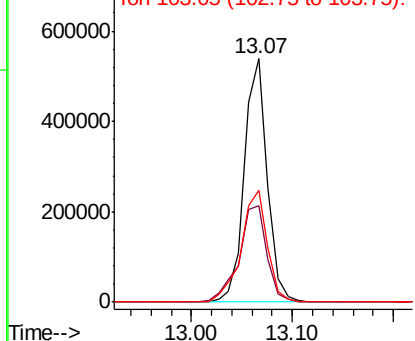


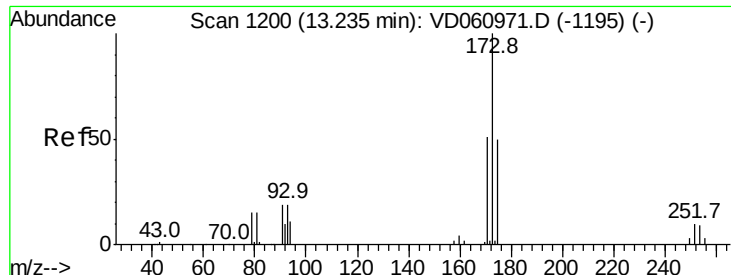
#70
Styrene
Concen: 47.932 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tgt Ion:104 Resp: 856558
Ion Ratio Lower Upper
104 100
78 39.5 33.0 49.4
103 46.0 37.1 55.7



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: 50.459 ug/l

RT: 13.22 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

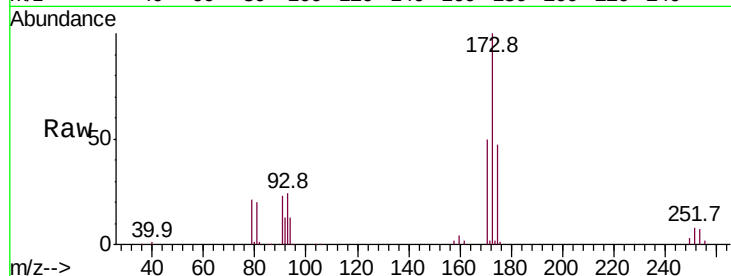
Tot Ion:173 Resp: 221082

Ion Ratio Lower Upper

173 100

175 47.5 24.9 74.8

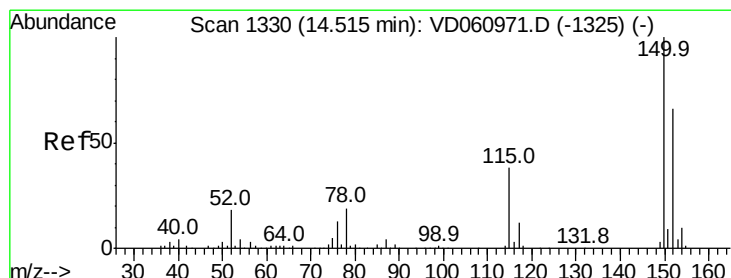
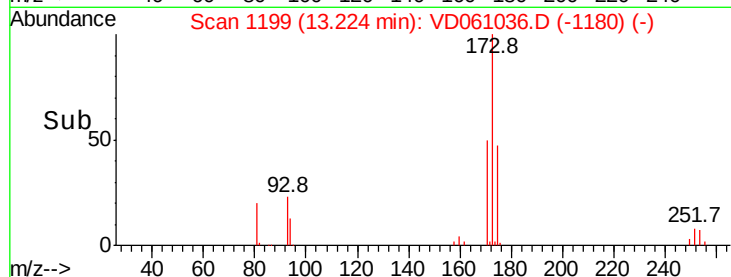
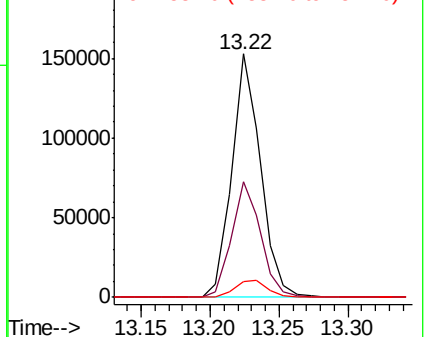
254 6.5 7.3 10.9#



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

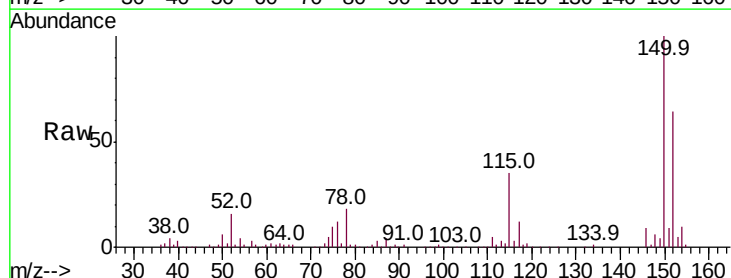
Tgt Ion:152 Resp: 414294

Ion Ratio Lower Upper

152 100

115 53.7 28.6 85.9

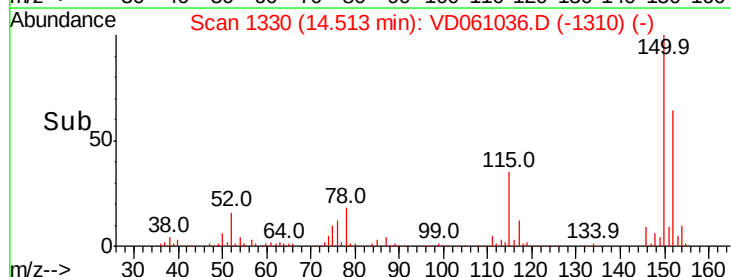
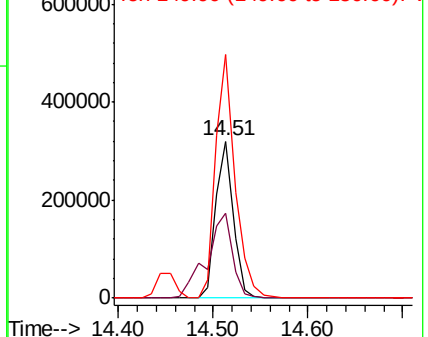
150 155.2 0.0 310.6

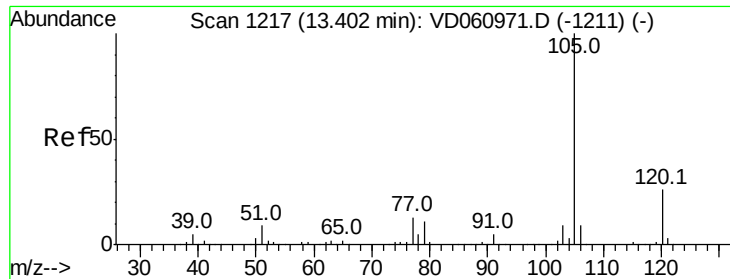


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

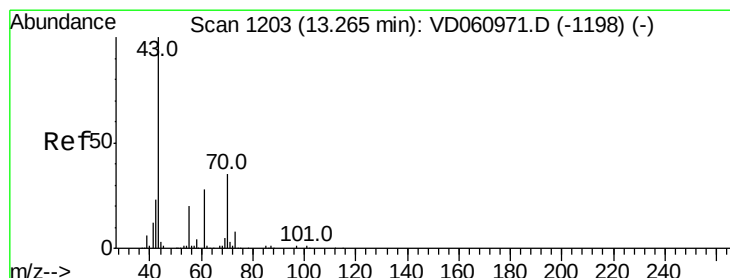
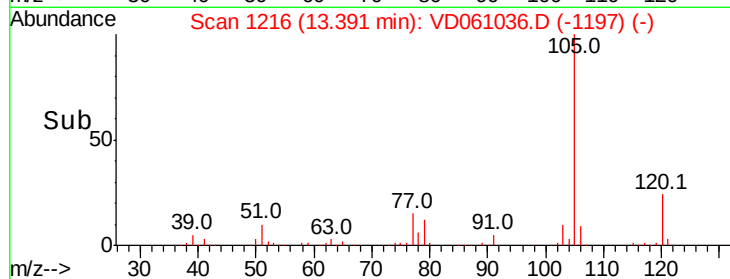
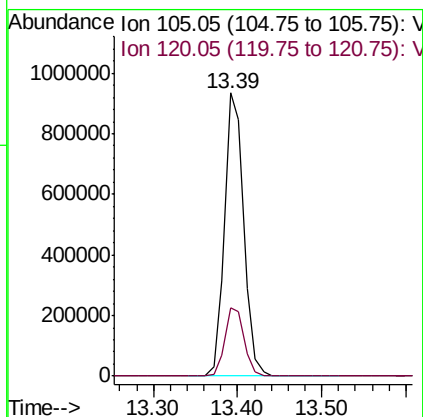
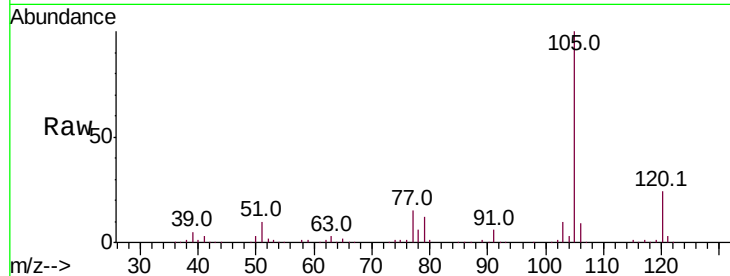
Ion 149.90 (149.60 to 150.60): V





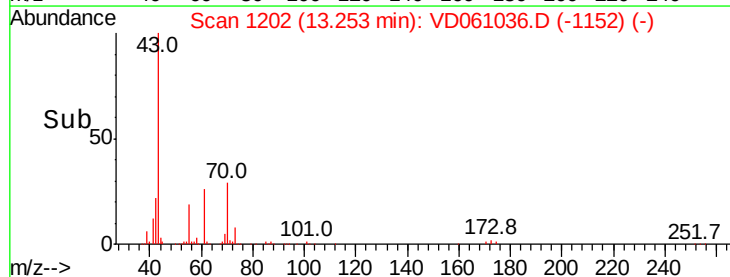
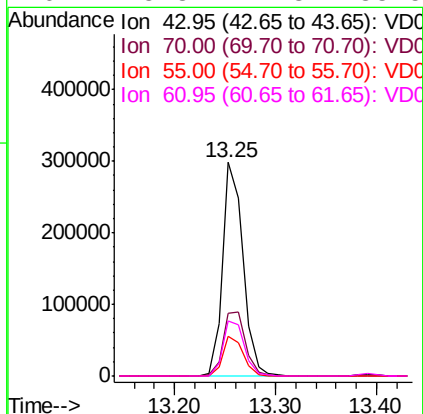
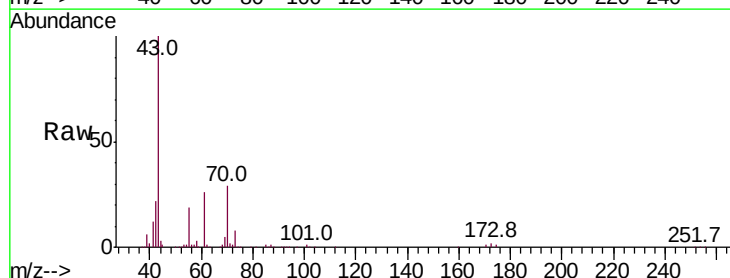
#73
Isopropylbenzene
Concen: 49.416 ug/l
RT: 13.39 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

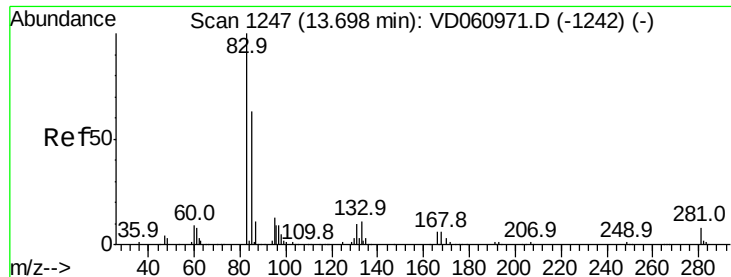
Tot Ion:105 Resp: 1475423
Ion Ratio Lower Upper
105 100
120 24.3 12.8 38.4



#74
N-ethyl acetate
Concen: 50.246 ug/l
RT: 13.25 min Scan# 1202
Delta R.T. -0.01 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tgt Ion: 43 Resp: 422422
Ion Ratio Lower Upper
43 100
70 29.3 27.7 41.5
55 18.9 16.2 24.2
61 25.8 22.3 33.5





#75

1,1,2,2-Tetrachloroethane

Concen: 53.909 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

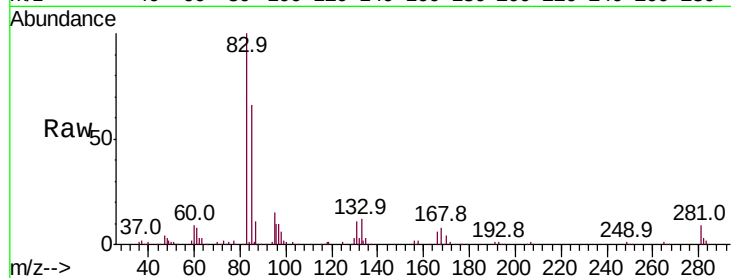
Tot Ion: 83 Resp: 314037

Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.1	15.3
85	65.8	31.5	94.5

83 100

131 11.3 5.1 15.3

85 65.8 31.5 94.5



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

250000

200000

150000

100000

50000

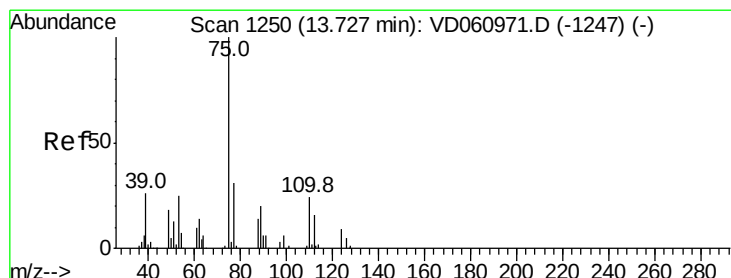
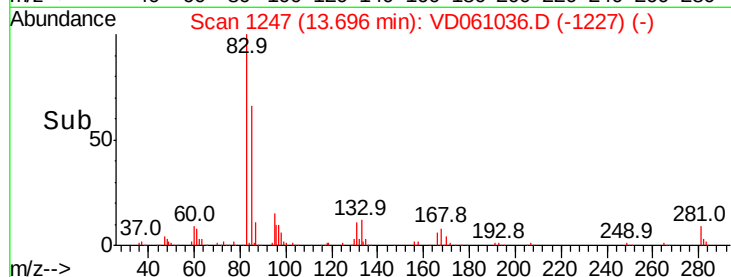
0

13.60

13.70

13.80

Time-->



#76

1,2,3-Trichloropropane

Concen: 52.362 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VD061036.D

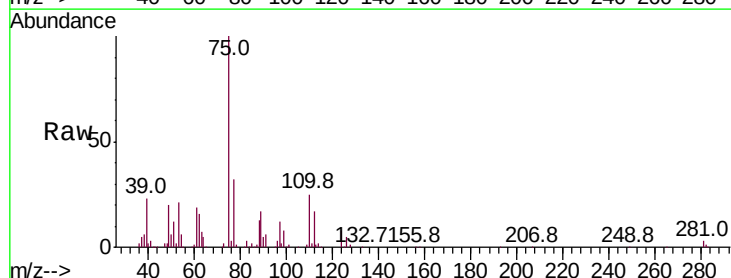
Acq: 13 Mar 2019 12:05

Tgt Ion: 75 Resp: 312099

Ion	Ratio	Lower	Upper
75	100		
77	31.9	16.6	49.7

75 100

77 31.9 16.6 49.7



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

400000

300000

200000

100000

0

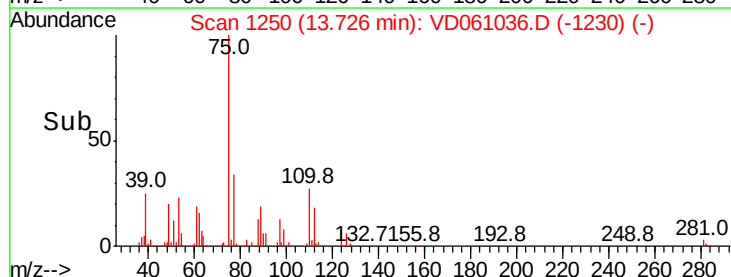
13.65

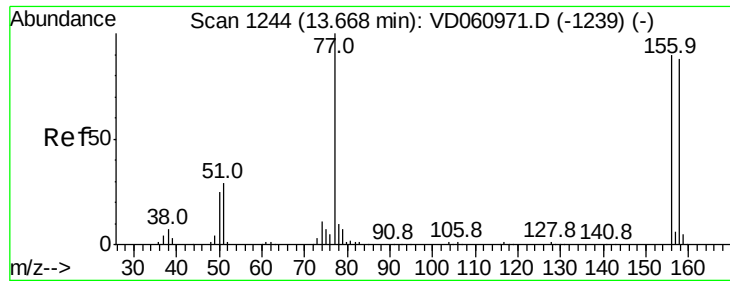
13.70

13.75

13.80

Time-->





#77

Bromobenzene

Concen: 54.468 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

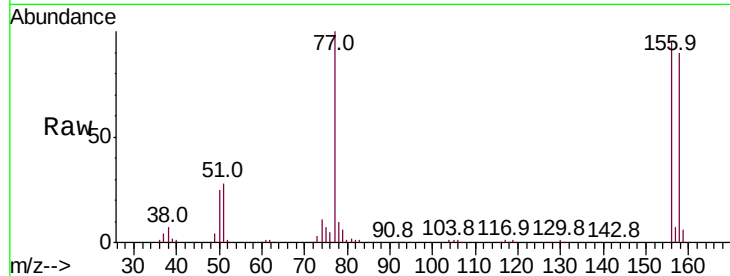
Tot Ion:156 Resp: 415141

Ion Ratio Lower Upper

156 100

77 105.5 55.5 166.7

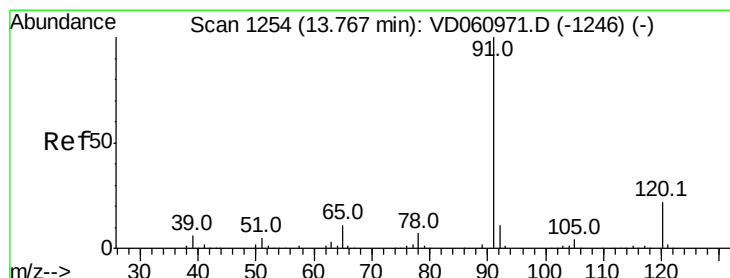
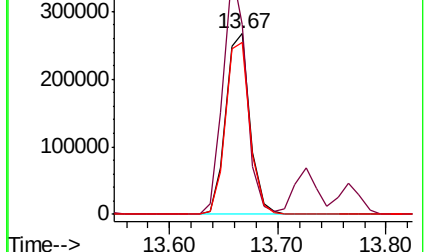
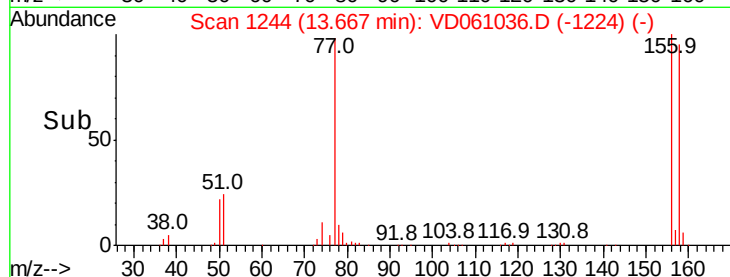
158 95.0 49.0 147.0



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 49.691 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD061036.D

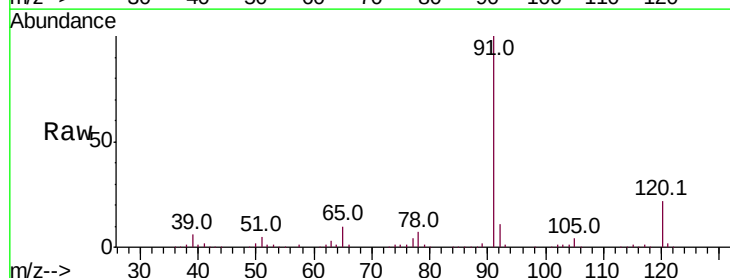
Acq: 13 Mar 2019 12:05

Tgt Ion: 91 Resp: 1736872

Ion Ratio Lower Upper

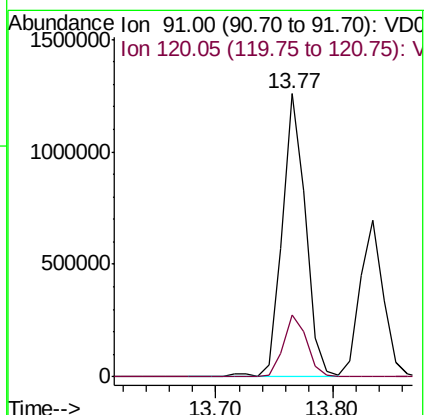
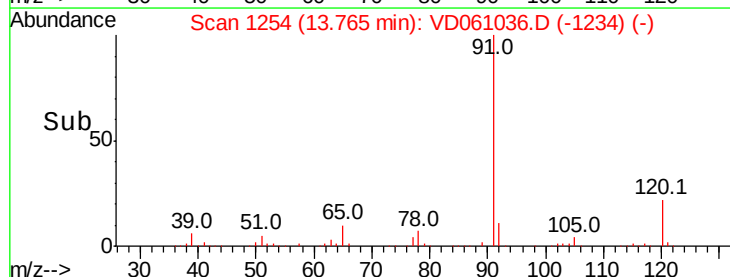
91 100

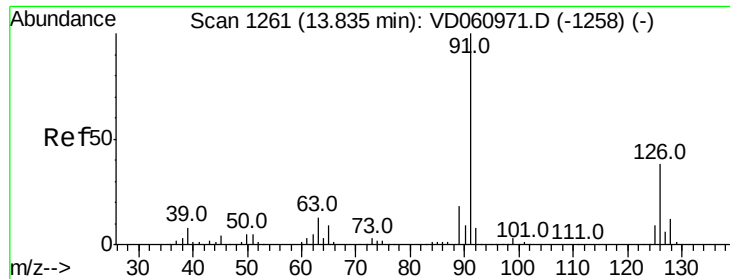
120 21.9 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 49.930 ug/l

RT: 13.83 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VD061036.D

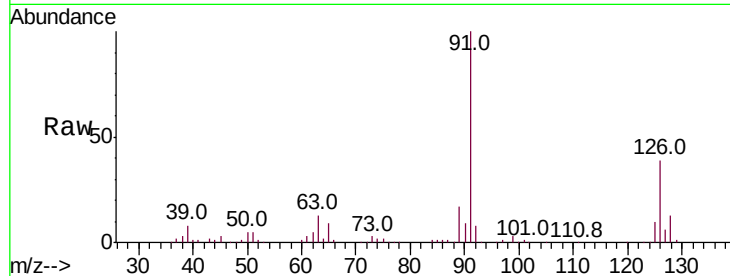
Acq: 13 Mar 2019 12:05

Tot Ion: 91 Resp: 960832

Ion Ratio Lower Upper

91 100

126 38.9 18.6 55.6



Abundance Ion 91.00 (90.70 to 91.70): VD060971.D (-1258) (-)

Ion 125.95 (125.65 to 126.65): VD060971.D (-1258) (-)

1500000

1000000

500000

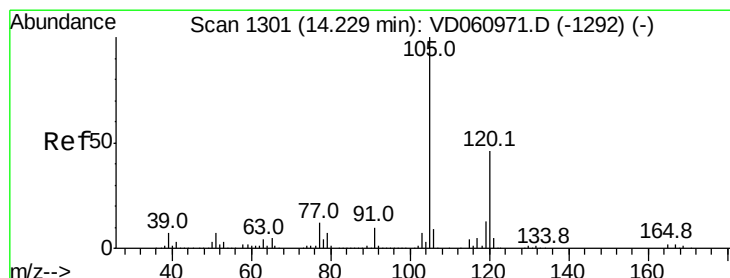
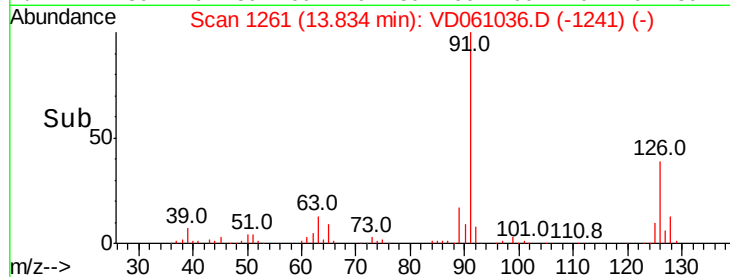
0

13.83

13.85

13.90

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.775 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VD061036.D

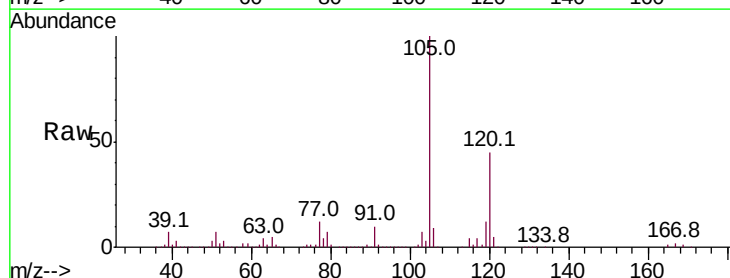
Acq: 13 Mar 2019 12:05

Tgt Ion: 105 Resp: 1173560

Ion Ratio Lower Upper

105 100

120 45.2 22.9 68.5



Abundance Ion 105.05 (104.75 to 105.75): VD060971.D (-1292) (-)

Ion 120.05 (119.75 to 120.75): VD060971.D (-1292) (-)

1000000

800000

600000

400000

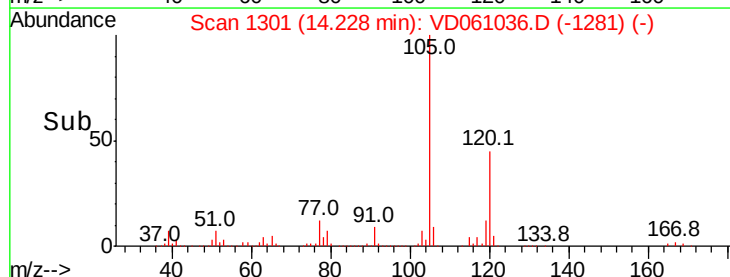
200000

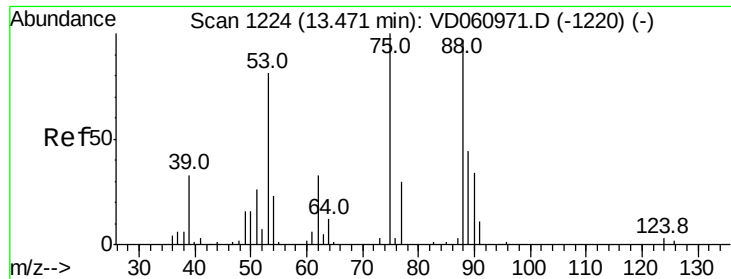
0

14.23

14.30

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 53.681 ug/l

RT: 13.46 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

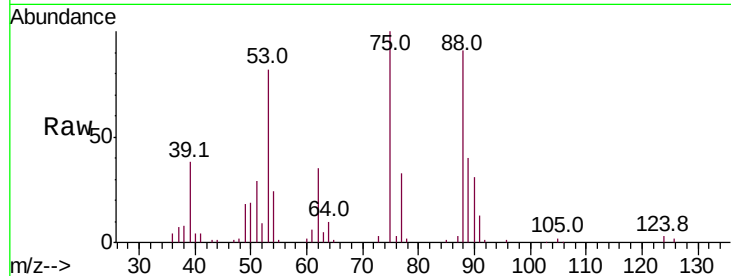
Tot Ion: 75 Resp: 94330

Ion Ratio Lower Upper

75 100

53 81.5 64.4 96.6

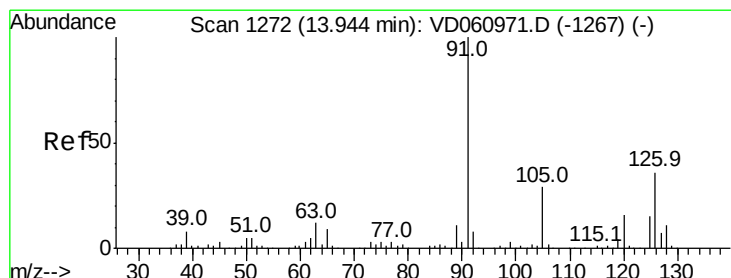
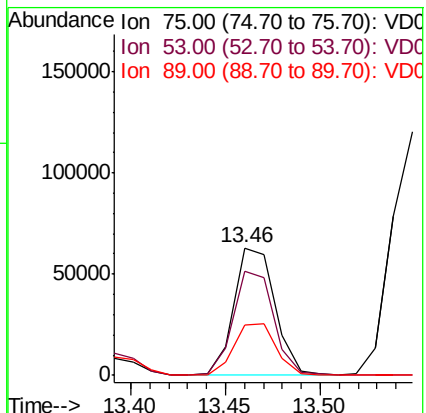
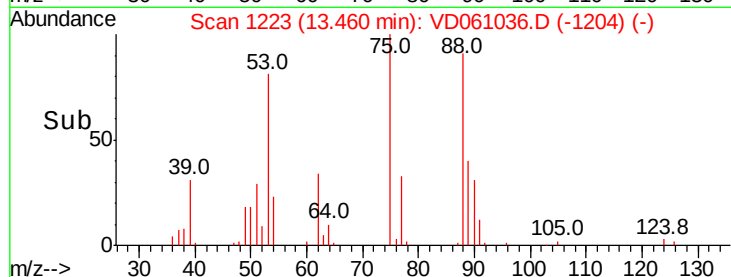
89 39.7 34.8 52.2



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: 48.449 ug/l

RT: 13.94 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VD061036.D

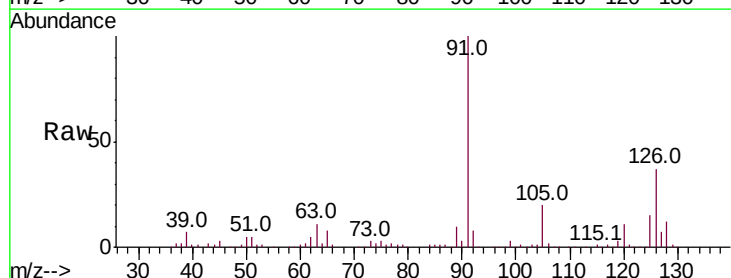
Acq: 13 Mar 2019 12:05

Tgt Ion: 91 Resp: 1102198

Ion Ratio Lower Upper

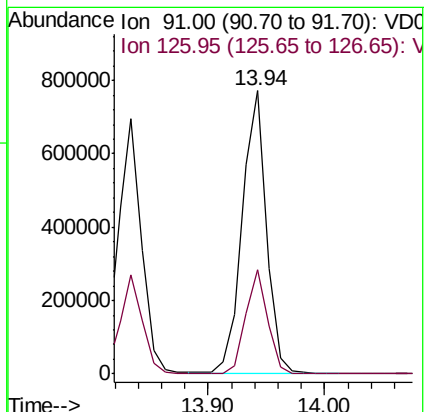
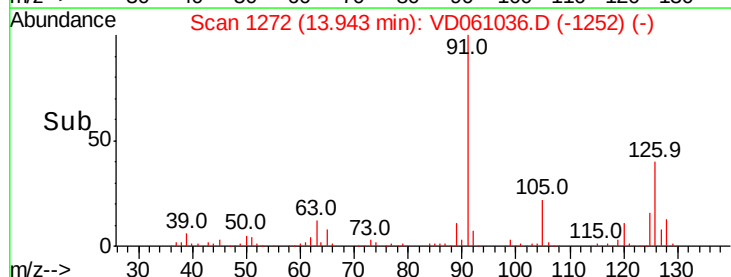
91 100

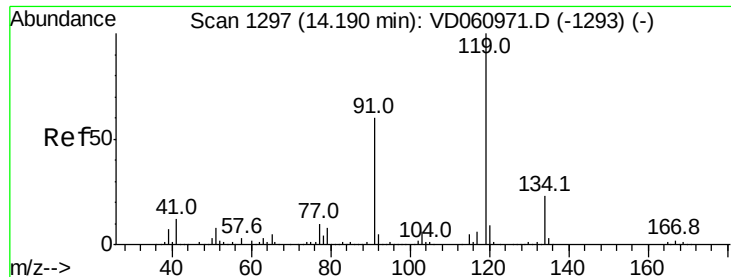
126 36.9 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V





#83

tert-Butylbenzene

Concen: 54.823 ug/l

RT: 14.18 min Scan# 1296

Delta R.T. -0.01 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

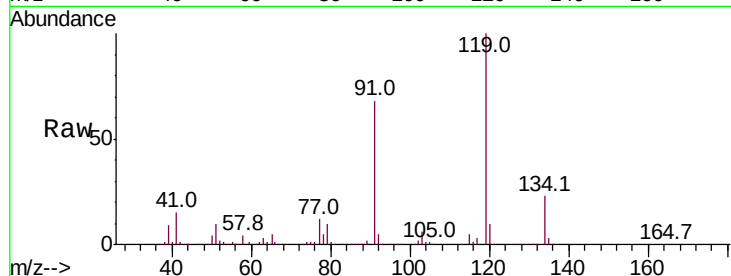
Tot Ion:119 Resp: 1359931

Ion	Ratio	Lower	Upper
119	100		
91	67.5	30.1	90.3
134	22.7	11.6	34.7

119 100

91 67.5 30.1 90.3

134 22.7 11.6 34.7



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

800000

600000

400000

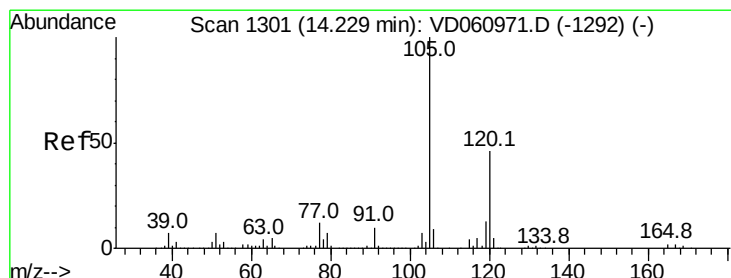
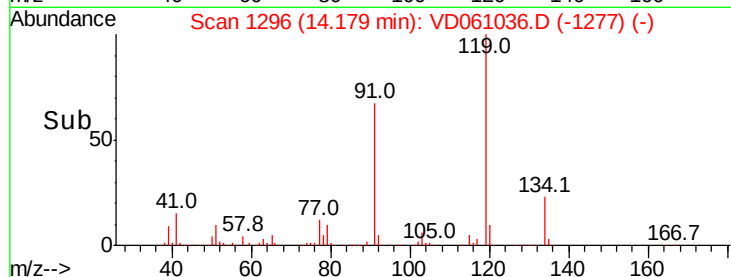
200000

0

14.18

14.10 14.20 14.30

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 51.775 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VD061036.D

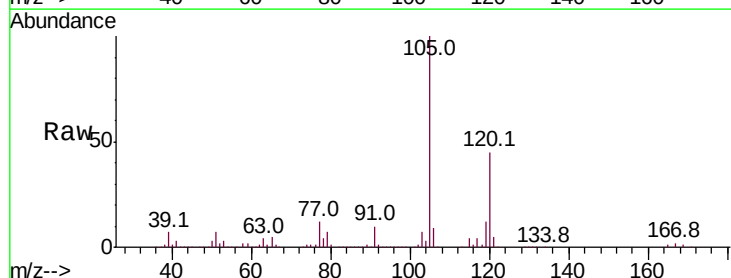
Acq: 13 Mar 2019 12:05

Tgt Ion:105 Resp: 1173560

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.9	68.5

105 100

120 45.2 22.9 68.5



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

1000000

800000

600000

400000

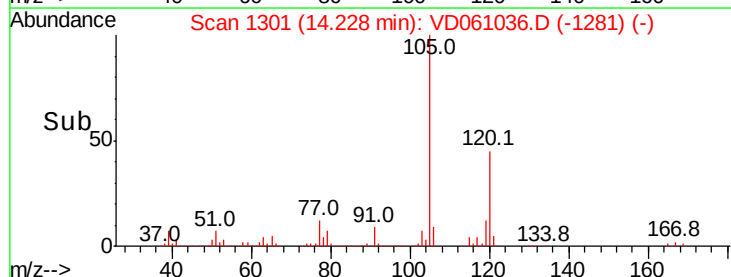
200000

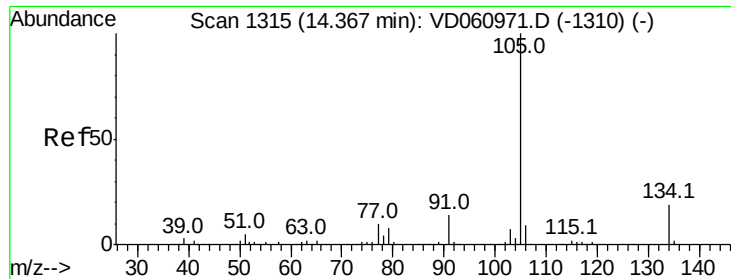
0

14.23

14.10 14.20 14.30

Time-->





#85

sec-Butylbenzene

Concen: 46.698 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD061036.D

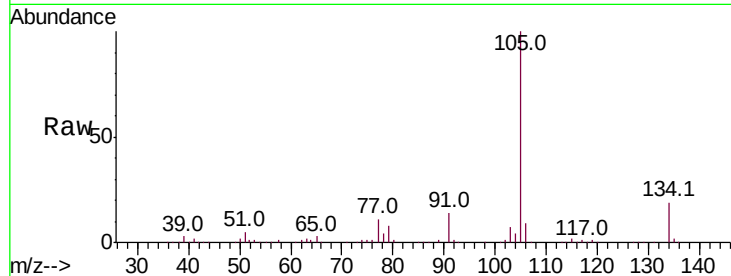
Acq: 13 Mar 2019 12:05

Tot Ion:105 Resp: 1414161

Ion Ratio Lower Upper

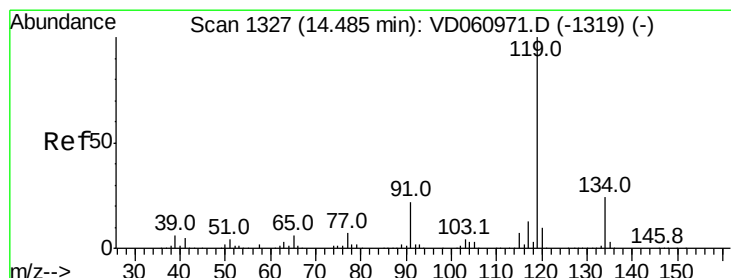
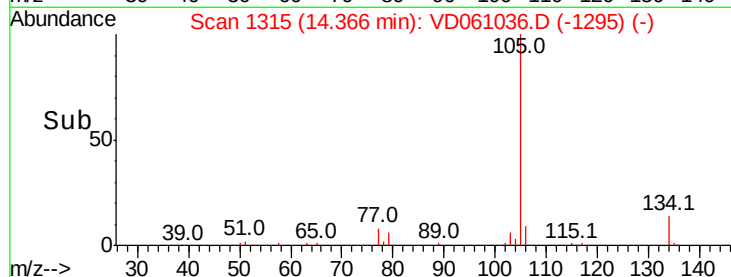
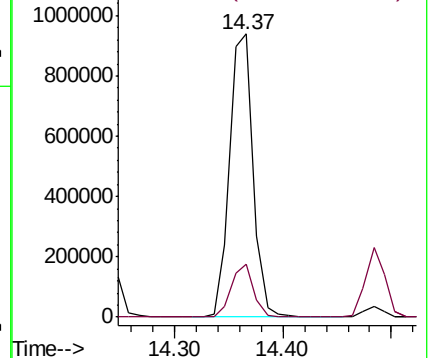
105 100

134 18.7 9.4 28.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 49.294 ug/l

RT: 14.48 min Scan# 1327

Delta R.T. -0.00 min

Lab File: VD061036.D

Acq: 13 Mar 2019 12:05

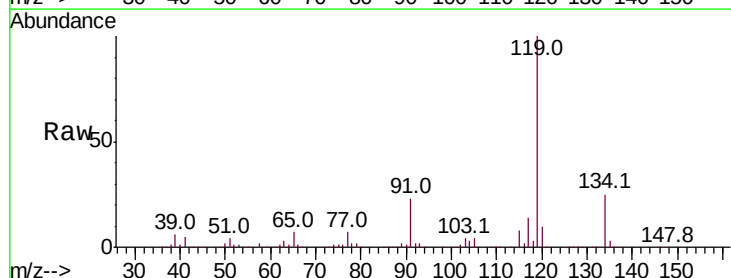
Tgt Ion:119 Resp: 1220201

Ion Ratio Lower Upper

119 100

134 24.5 12.0 36.1

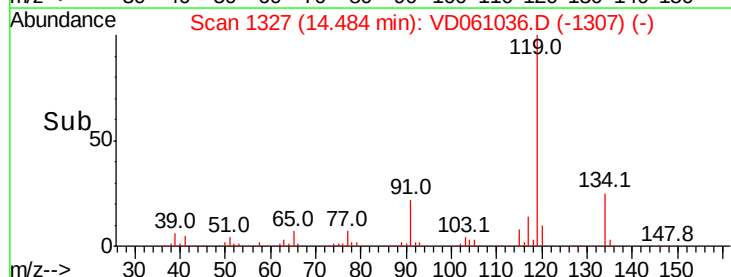
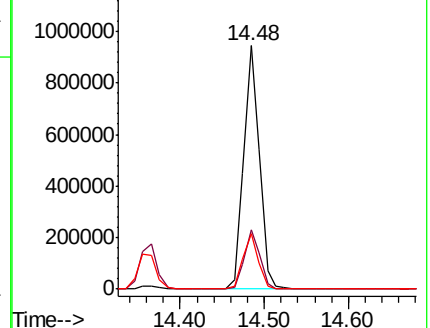
91 22.5 11.2 33.6

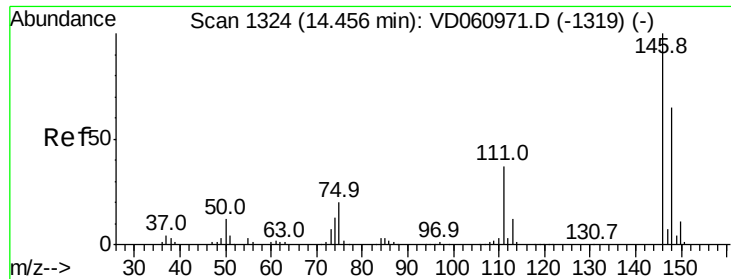


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

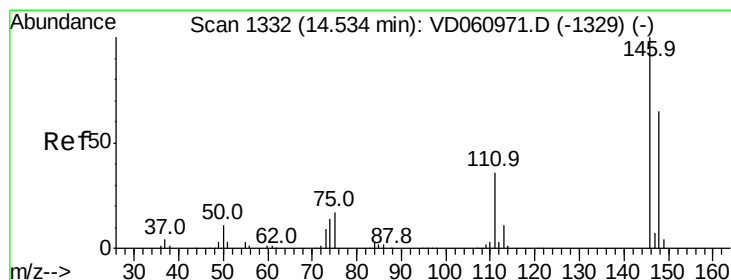
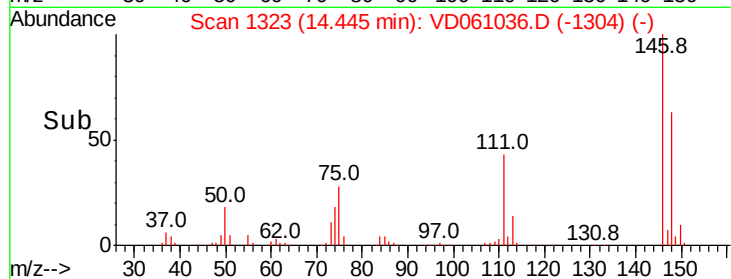
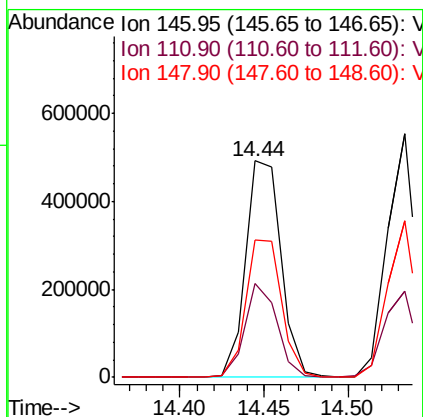
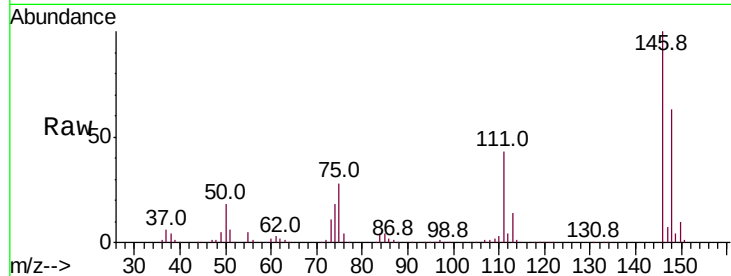
Ion 91.00 (90.70 to 91.70): V





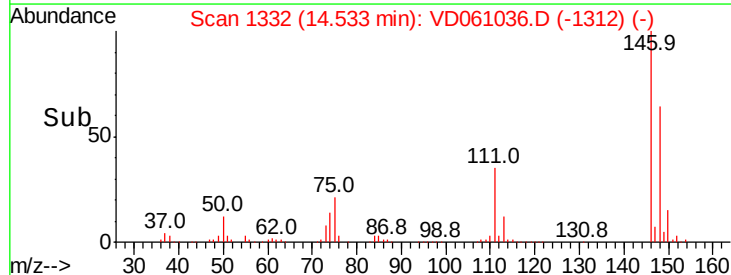
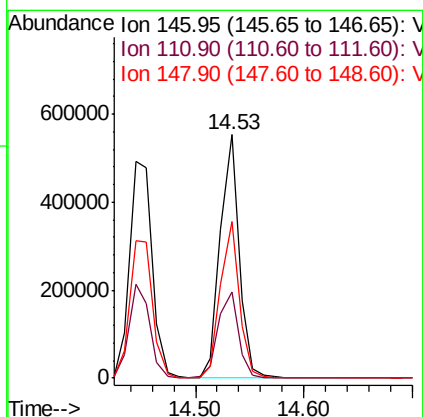
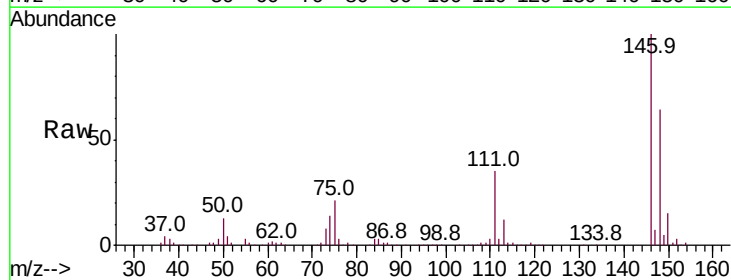
#87
 1,3-Dichlorobenzene
 Concen: 52.820 ug/l
 RT: 14.44 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VD061036.D
 Acq: 13 Mar 2019 12:05

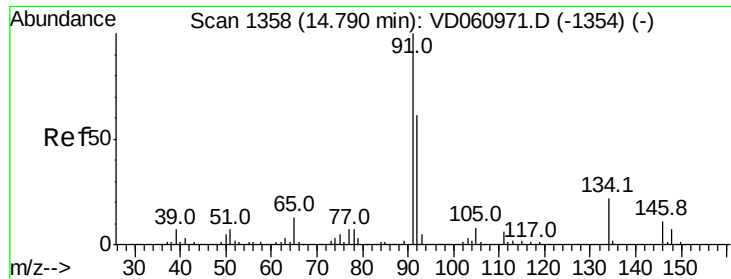
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	18.4	55.4
148	63.3	32.5	97.4



#88
 1,4-Dichlorobenzene
 Concen: 50.886 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: VD061036.D
 Acq: 13 Mar 2019 12:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.4	18.4	55.2
148	64.1	32.5	97.5

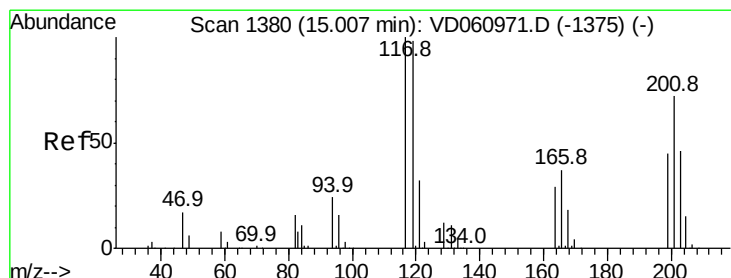
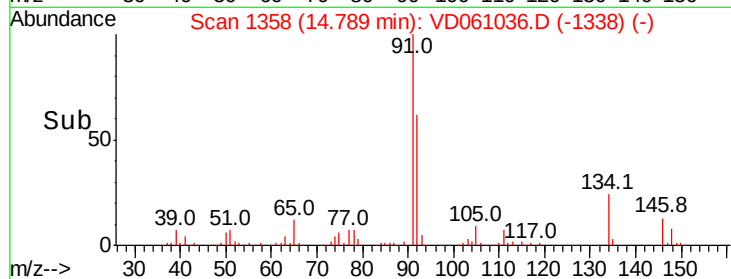
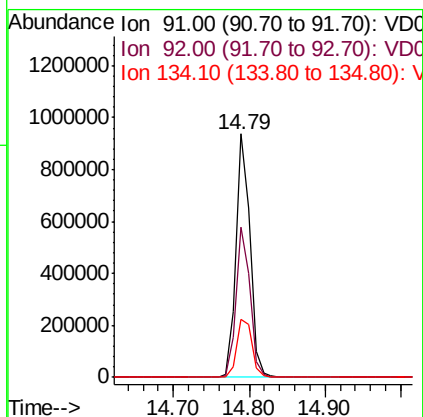
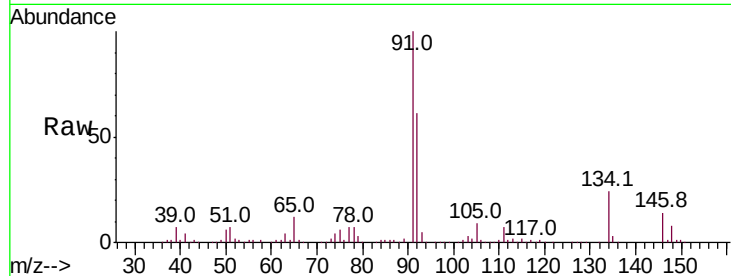




#89
n-Butylbenzene
Concen: 49.474 ug/l
RT: 14.79 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tot Ion: 91 Resp: 1176059

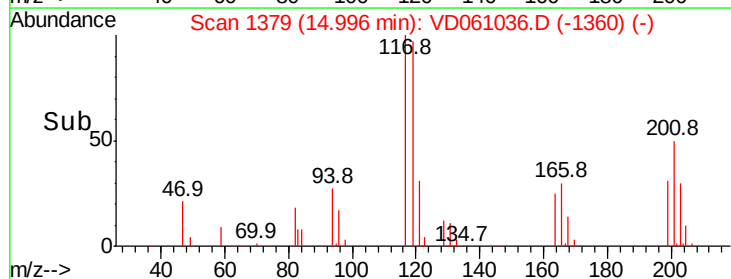
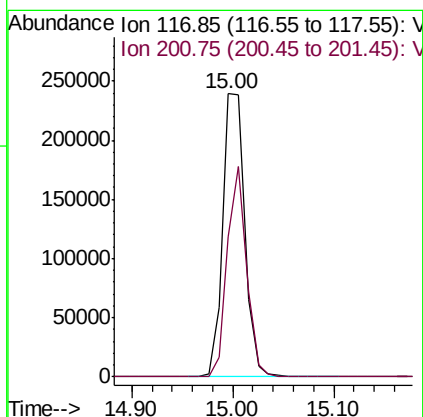
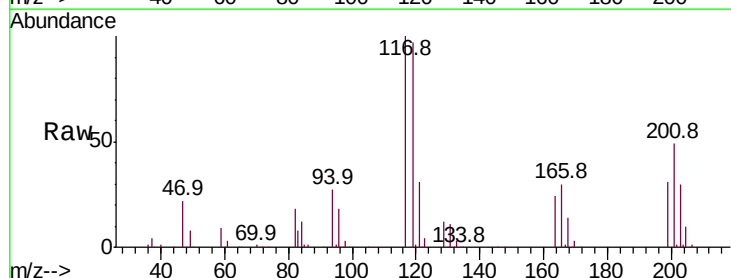
Ion	Ratio	Lower	Upper
91	100		
92	61.5	30.6	91.8
134	23.9	11.0	33.0

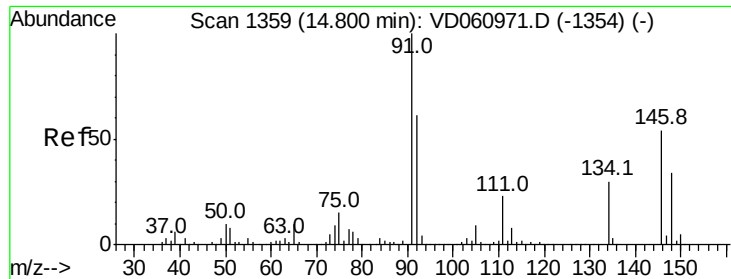


#90
Hexachloroethane
Concen: 52.291 ug/l
RT: 15.00 min Scan# 1379
Delta R.T. -0.01 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tgt Ion: 117 Resp: 365500

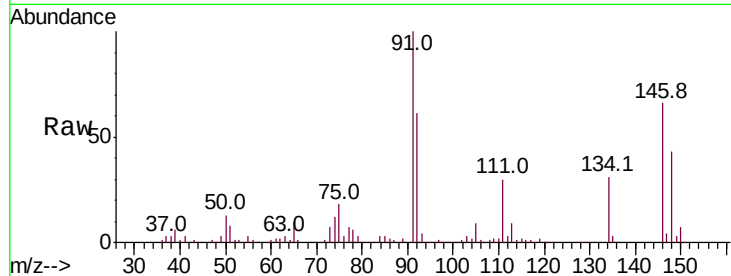
Ion	Ratio	Lower	Upper
117	100		
201	49.4	36.2	108.6



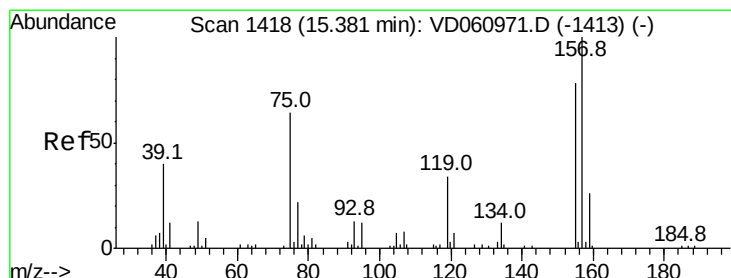
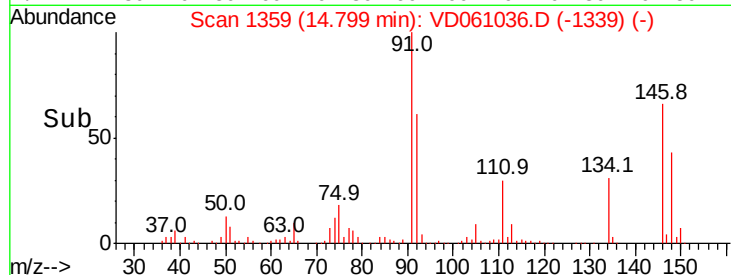
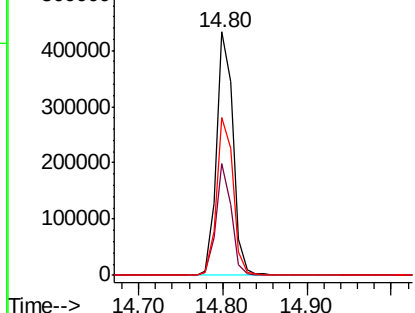


#91
 1,2-Dichlorobenzene
 Concen: 51.847 ug/l
 RT: 14.80 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VD061036.D
 Acq: 13 Mar 2019 12:05

Tot Ion:146 Resp: 588243
 Ion Ratio Lower Upper
 146 100
 111 45.7 21.5 64.5
 148 64.6 30.9 92.8

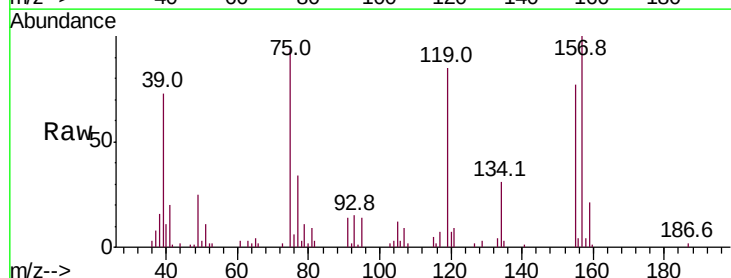


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

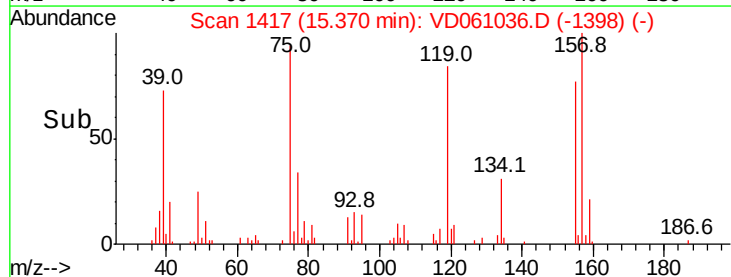
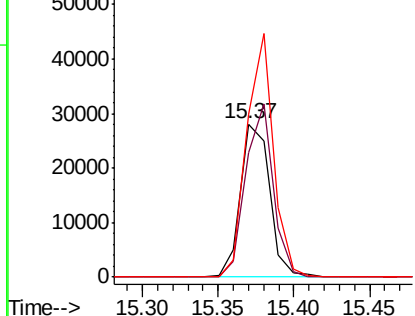


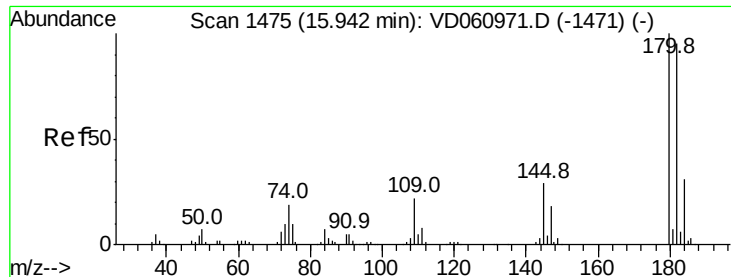
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.651 ug/l
 RT: 15.37 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: VD061036.D
 Acq: 13 Mar 2019 12:05

Tgt Ion: 75 Resp: 37662
 Ion Ratio Lower Upper
 75 100
 155 81.9 61.2 183.5
 157 106.6 78.3 234.8



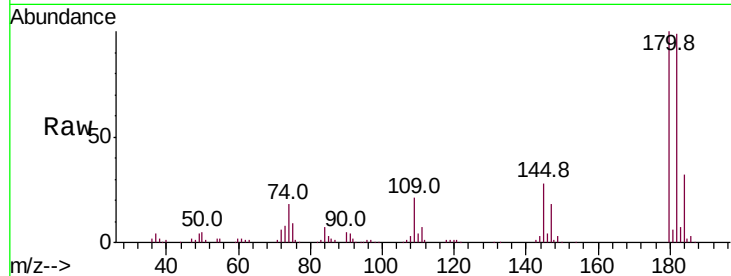
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



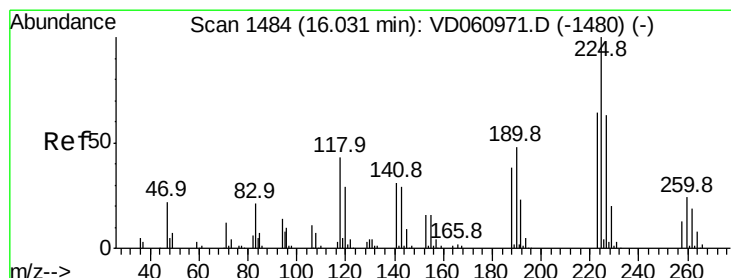
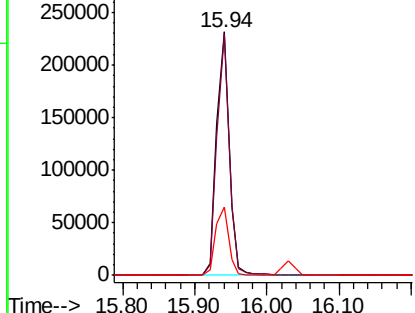
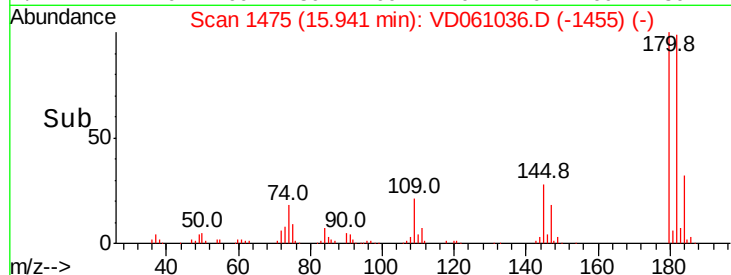


#93
 1,2,4-Trichlorobenzene
 Concen: 52.650 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: VD061036.D
 Acq: 13 Mar 2019 12:05

Tot Ion:180 Resp: 277114
 Ion Ratio Lower Upper
 180 100
 182 98.8 47.3 142.0
 145 28.0 14.4 43.0

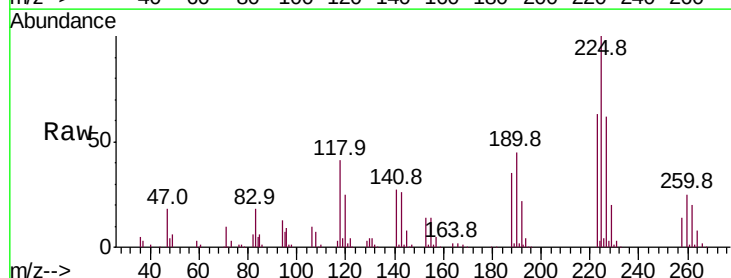


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

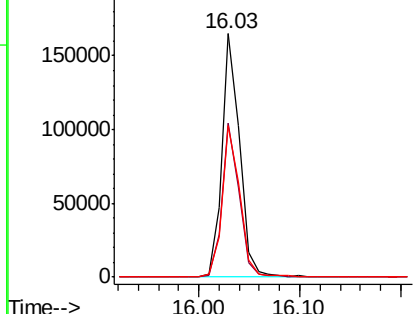
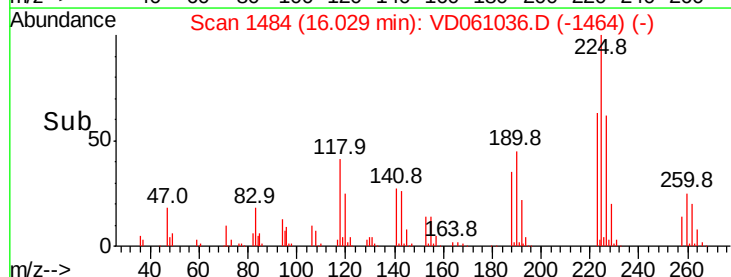


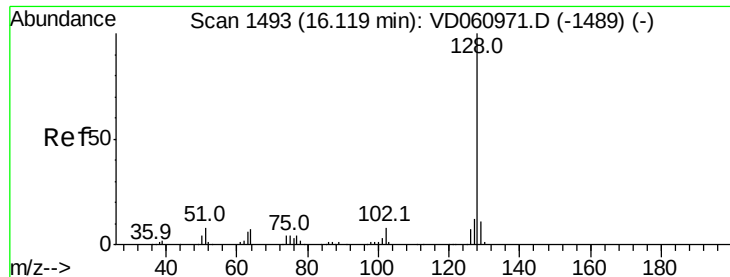
#94
 Hexachlorobutadiene
 Concen: 50.928 ug/l
 RT: 16.03 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: VD061036.D
 Acq: 13 Mar 2019 12:05

Tgt Ion:225 Resp: 202748
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.8 95.3
 227 62.1 31.4 94.0



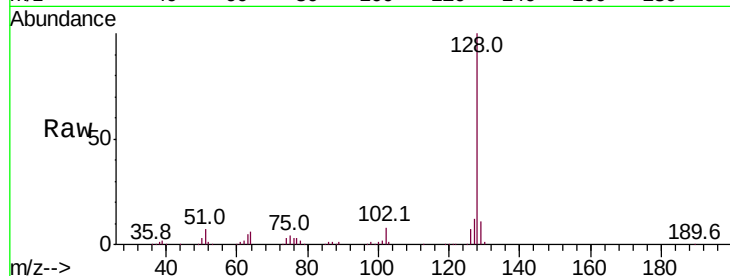
Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V



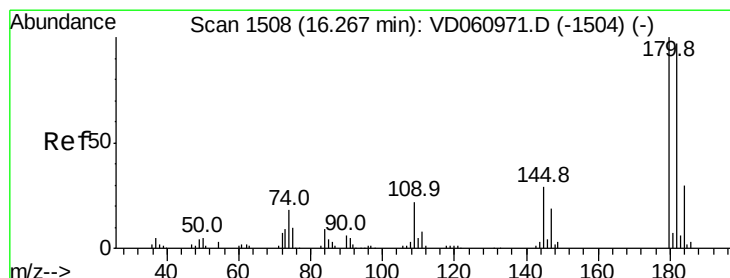
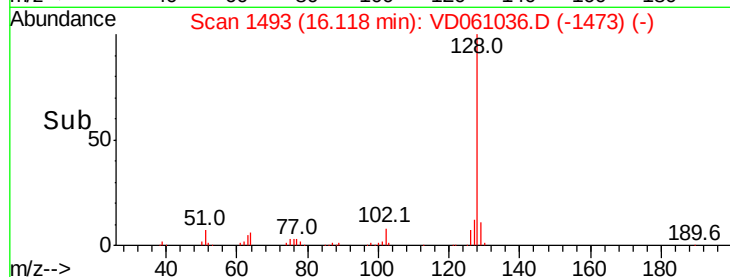
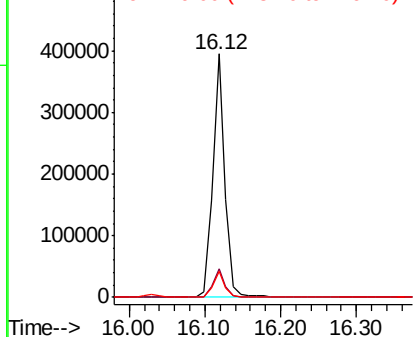


#95
Naphthalene
Concen: 55.568 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tot Ion:128 Resp: 444449
Ion Ratio Lower Upper
128 100
127 11.8 9.8 14.8
129 10.8 8.5 12.7

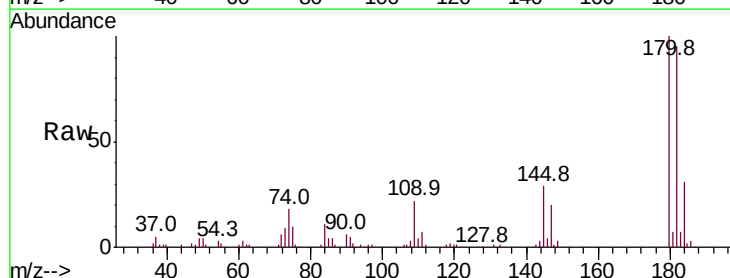


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 53.382 ug/l
RT: 16.27 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VD061036.D
Acq: 13 Mar 2019 12:05

Tgt Ion:180 Resp: 138771
Ion Ratio Lower Upper
180 100
182 95.2 48.6 145.8
145 28.8 14.3 42.9



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

