

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031619\
 Data File : VD061123.D
 Acq On : 16 Mar 2019 22:58
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 6.00u/5ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 17 00:15:37 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	7.05	168	572241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1061279	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	825036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	361941	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	246798	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	
35) Dibromofluoromethane	6.92	113	379457	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	
50) Toluene-d8	10.41	98	884725	44.73	ug/l	0.00
Spiked Amount			Recovery	=	89.46%	
62) 4-Bromofluorobenzene	13.56	95	344160	44.85	ug/l	0.00
Spiked Amount			Recovery	=	89.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	259550	45.789	ug/l	97
3) Chloromethane	1.76	50	215109	45.555	ug/l	97
4) Vinyl Chloride	1.85	62	211077	48.376	ug/l	98
5) Bromomethane	2.16	94	48607	67.533	ug/l	97
6) Chloroethane	2.27	64	78017	59.737	ug/l	90
7) Trichlorofluoromethane	2.54	101	278474	44.428	ug/l	96
8) Diethyl Ether	2.87	74	123012	59.490	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.16	101	334073	47.673	ug/l	97
10) Methyl Iodide	3.32	142	497381	51.449	ug/l	98
11) Tert butyl alcohol	4.06	59	82533	272.173	ug/l	99
12) 1,1-Dichloroethene	3.13	96	271277	47.227	ug/l	99
13) Acrolein	3.03	56	113056	257.673	ug/l	98
14) Allyl chloride	3.62	41	451061	49.079	ug/l	96
15) Acrylonitrile	4.19	53	317076	295.852	ug/l	99
16) Acetone	3.22	43	310835	228.204	ug/l	99
17) Carbon Disulfide	3.39	76	863774	44.578	ug/l	100
18) Methyl Acetate	3.64	43	168637	62.911	ug/l #	90
19) Methyl tert-butyl Ether	4.23	73	609970	60.593	ug/l	98
20) Methylene Chloride	3.82	84	355608	58.005	ug/l	96
21) trans-1,2-Dichloroethene	4.22	96	330368	53.137	ug/l	96
22) Diisopropyl ether	5.12	45	969491	50.815	ug/l	99
23) Vinyl Acetate	5.06	43	2649299	270.503	ug/l	99
24) 1,1-Dichloroethane	4.99	63	544655	52.104	ug/l	98
25) 2-Butanone	6.06	43	424367	274.565	ug/l	100
26) 2,2-Dichloropropane	6.02	77	389581	47.740	ug/l	98
27) cis-1,2-Dichloroethene	6.03	96	352854	53.492	ug/l	99
28) Bromochloromethane	6.44	49	236440	53.429	ug/l	99
29) Tetrahydrofuran	6.45	42	217800	259.515	ug/l	96
30) Chloroform	6.66	83	579469	53.486	ug/l	98
31) Cyclohexane	6.95	56	389994	46.269	ug/l	99
32) 1,1,1-Trichloroethane	6.87	97	480258	51.274	ug/l	99
36) 1,1-Dichloropropene	7.15	75	414193	45.276	ug/l	98
37) Ethyl Acetate	6.18	43	193405	45.053	ug/l	97
38) Carbon Tetrachloride	7.12	117	506737	50.287	ug/l	97

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Quant Title : SW846 8260

QLast Update : Fri Mar 08 02:35:39 2019

Response via : Initial Calibration

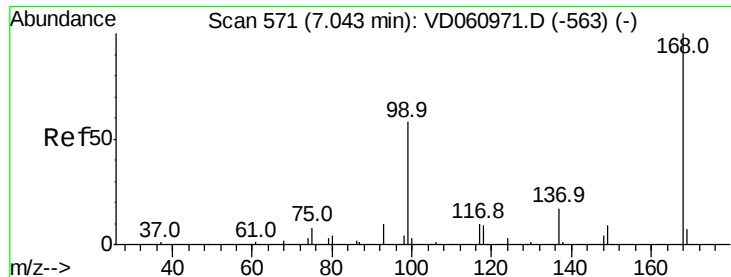
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	407159	42.923	ug/l	97
40) Benzene	7.45	78	1055367	46.169	ug/l	99
41) Methacrylonitrile	6.44	41	240354	48.677	ug/l	97
42) 1,2-Dichloroethane	7.58	62	351951	53.056	ug/l	98
43) Isopropyl Acetate	9.23	43	275638	46.359	ug/l #	99
44) Trichloroethene	8.54	130	368427	46.718	ug/l	99
45) 1,2-Dichloropropane	8.94	63	282128	46.978	ug/l	99
46) Dibromomethane	9.07	93	192578	50.553	ug/l	97
47) Bromodichloromethane	9.37	83	436646	50.794	ug/l	98
48) Methyl methacrylate	9.12	41	177890	53.138	ug/l	99
49) 1,4-Dioxane	9.08	88	34127	1008.148	ug/l	95
51) 4-Methyl-2-Pentanone	10.30	43	903278	247.980	ug/l	99
52) Toluene	10.50	92	630540	44.359	ug/l	96
53) t-1,3-Dichloropropene	10.92	75	392149	49.889	ug/l	98
54) cis-1,3-Dichloropropene	10.04	75	477420	50.550	ug/l	98
55) 1,1,2-Trichloroethane	11.19	97	238597	50.404	ug/l	98
56) Ethyl methacrylate	11.05	69	226674	45.748	ug/l	97
57) 1,3-Dichloropropane	11.41	76	362927	51.304	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.85	63	639359	243.779	ug/l	98
59) 2-Hexanone	11.53	43	656634	246.438	ug/l	100
60) Dibromochloromethane	11.69	129	363134	52.125	ug/l	99
61) 1,2-Dibromoethane	11.80	107	280337	50.909	ug/l	98
64) Tetrachloroethene	11.25	164	300988	54.044	ug/l	99
65) Chlorobenzene	12.39	112	815078	50.394	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	323338	56.083	ug/l	98
67) Ethyl Benzene	12.52	91	1223979	50.831	ug/l	99
68) m/p-Xylenes	12.67	106	947827	100.289	ug/l	98
69) o-Xylene	13.04	106	503561	54.205	ug/l	98
70) Styrene	13.07	104	799901	52.730	ug/l	99
71) Bromoform	13.23	173	215017	57.812	ug/l #	98
73) Isopropylbenzene	13.40	105	1313183	50.344	ug/l	99
74) N-amyl acetate	13.26	43	364156	49.580	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.70	83	258926	50.877	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	273440	52.512	ug/l	99
77) Bromobenzene	13.66	156	349891	52.548	ug/l	82
78) n-propylbenzene	13.77	91	1312645	42.986	ug/l	99
79) 2-Chlorotoluene	13.84	91	846937	50.378	ug/l	97
80) 1,3,5-Trimethylbenzene	14.23	105	1019356	51.477	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.47	75	79051	51.493	ug/l	95
82) 4-Chlorotoluene	13.95	91	962234	48.415	ug/l	94
83) tert-Butylbenzene	14.19	119	1193716	55.083	ug/l	95
84) 1,2,4-Trimethylbenzene	14.23	105	1019356	51.477	ug/l	100
85) sec-Butylbenzene	14.36	105	1329243	50.243	ug/l	95
86) p-Isopropyltoluene	14.49	119	1071088	49.529	ug/l	99
87) 1,3-Dichlorobenzene	14.45	146	641674	53.968	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	572113	48.966	ug/l	97
89) n-Butylbenzene	14.80	91	961500	46.299	ug/l	96
90) Hexachloroethane	15.00	117	325179	53.252	ug/l	76
91) 1,2-Dichlorobenzene	14.81	146	526918	53.159	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	33950	55.359	ug/l	74

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	244421	53.156	ug/l	98
94) Hexachlorobutadiene	16.04	225	180487	51.894	ug/l	99
95) Naphthalene	16.13	128	384135	54.974	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	115638	50.918	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD061123.D

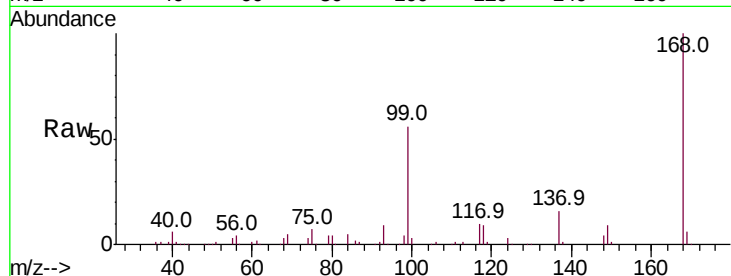
Acq: 16 Mar 2019 22:58

Tot Ion:168 Resp: 572241

Ion Ratio Lower Upper

168 100

99 56.0 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

150000

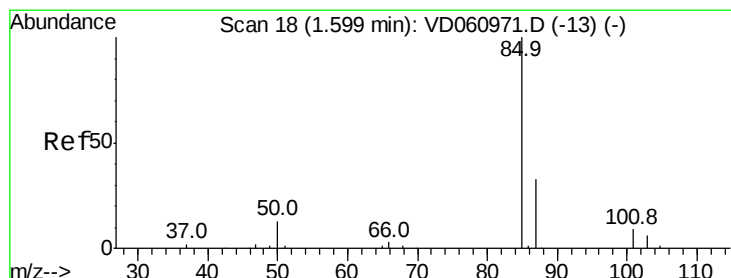
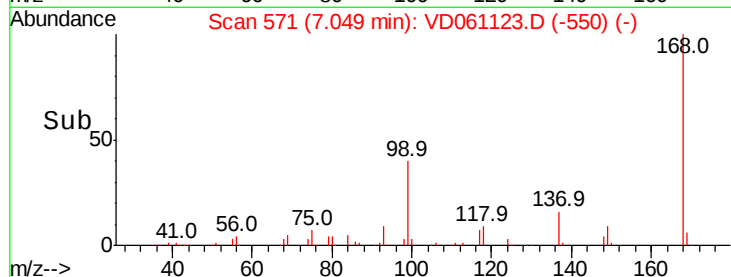
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 45.789 ug/l

RT: 1.58 min Scan# 16

Delta R.T. -0.01 min

Lab File: VD061123.D

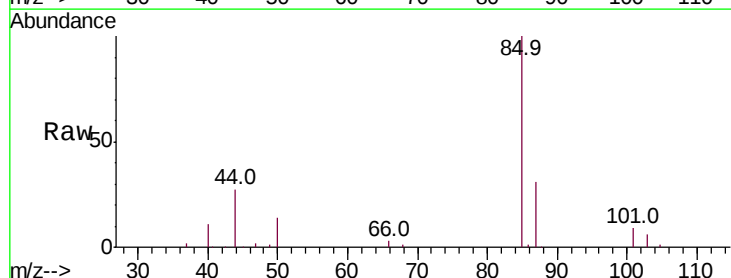
Acq: 16 Mar 2019 22:58

Tgt Ion: 85 Resp: 259550

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.58

120000

100000

80000

60000

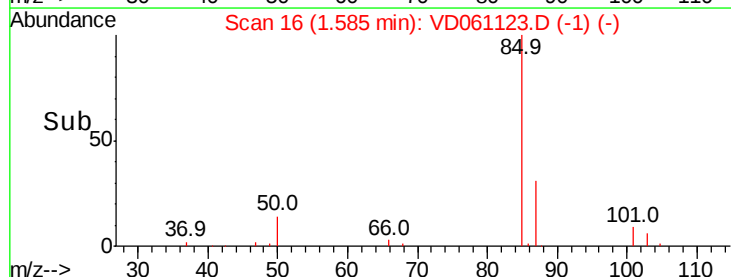
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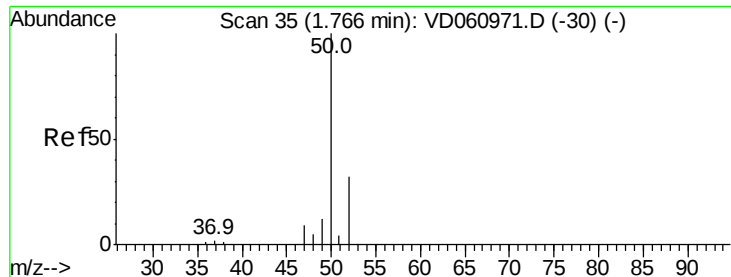
20000

0

1.50 1.60 1.70 1.80

Time-->





#3

Chloromethane

Concen: 45.555 ug/l

RT: 1.76 min Scan# 34

Delta R.T. -0.00 min

Lab File: VD061123.D

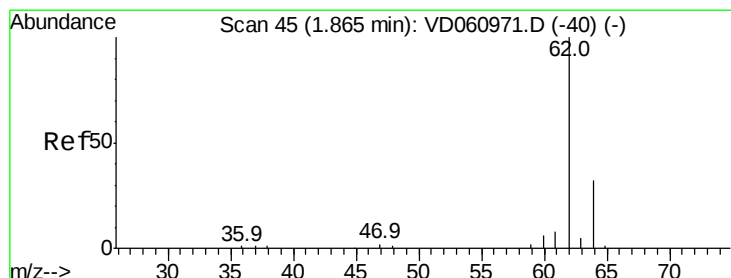
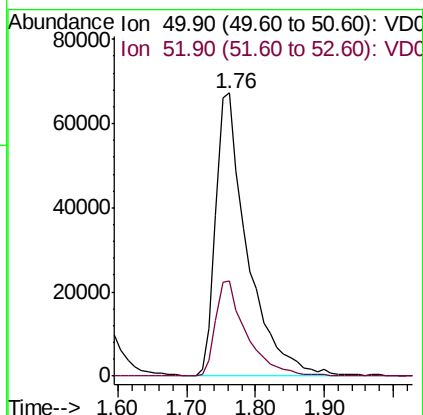
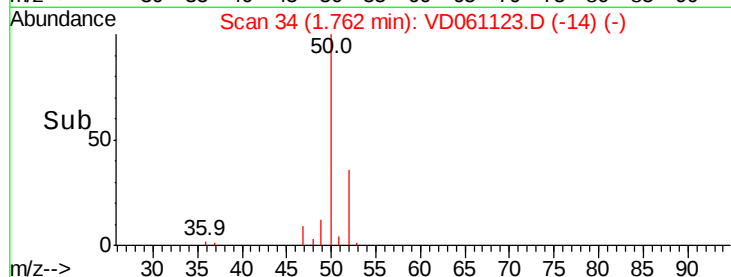
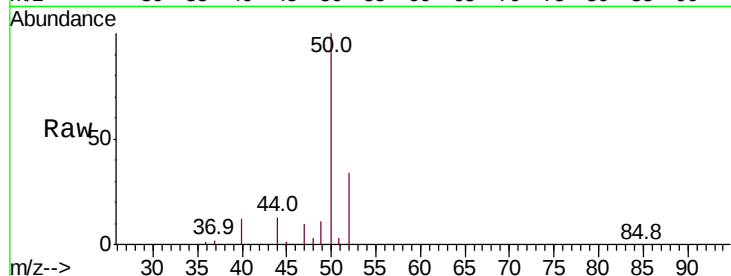
Acq: 16 Mar 2019 22:58

Tot Ion: 50 Resp: 215109

Ion Ratio Lower Upper

50 100

52 33.9 25.8 38.8



#4

Vinyl Chloride

Concen: 48.376 ug/l

RT: 1.85 min Scan# 43

Delta R.T. -0.01 min

Lab File: VD061123.D

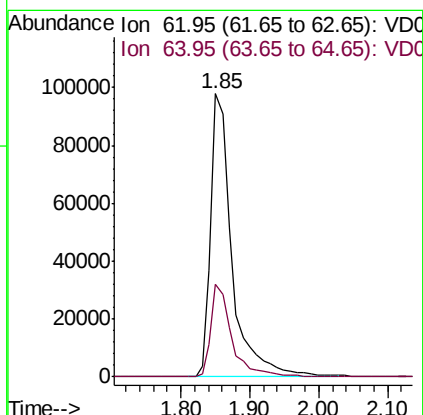
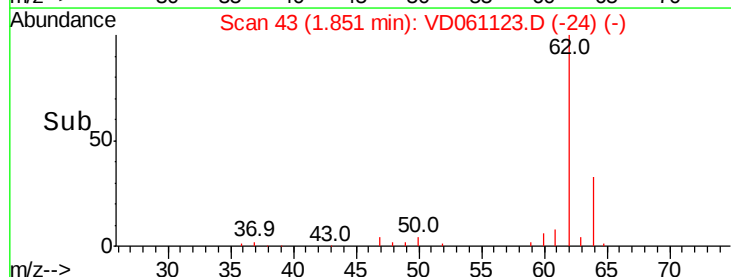
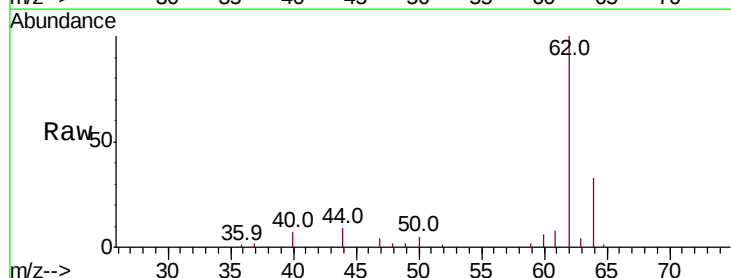
Acq: 16 Mar 2019 22:58

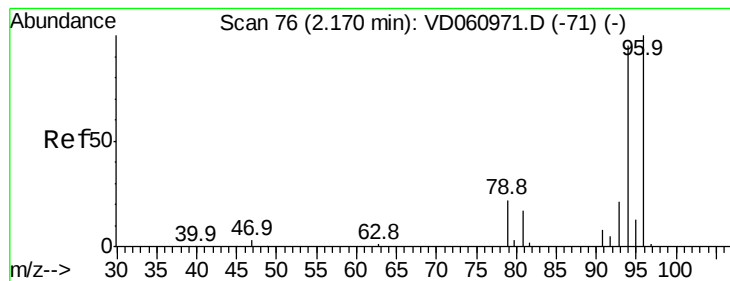
Tgt Ion: 62 Resp: 211077

Ion Ratio Lower Upper

62 100

64 32.7 25.2 37.8





#5

Bromomethane

Concen: 67.533 ug/l

RT: 2.16 min Scan# 74

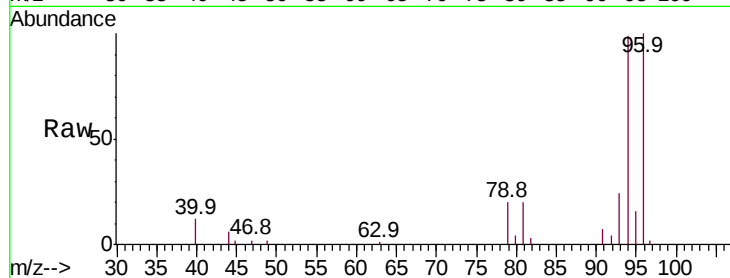
Delta R.T. -0.01 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

Tot Ion: 94 Resp: 48607

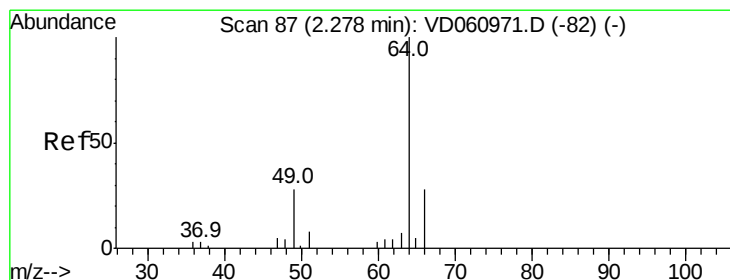
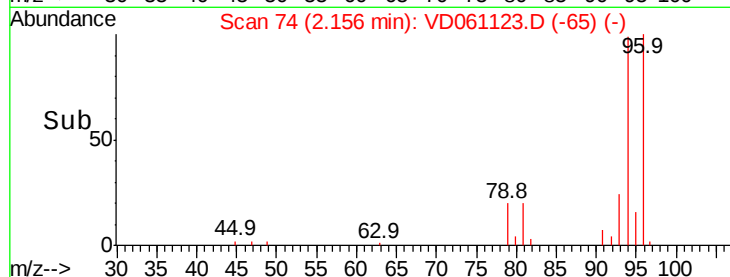
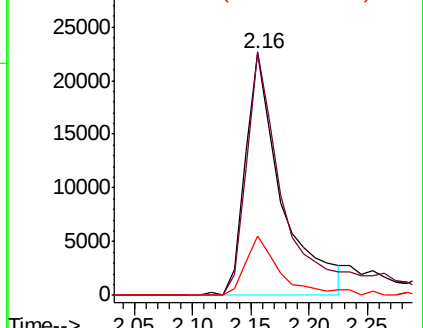
Ion	Ratio	Lower	Upper
94	100		
96	102.3	84.0	126.0
93	24.4	17.3	25.9



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: 59.737 ug/l

RT: 2.27 min Scan# 86

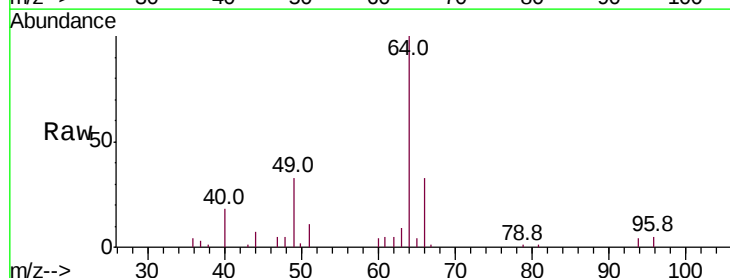
Delta R.T. -0.00 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

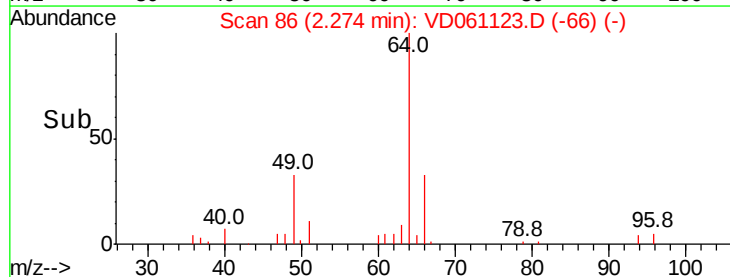
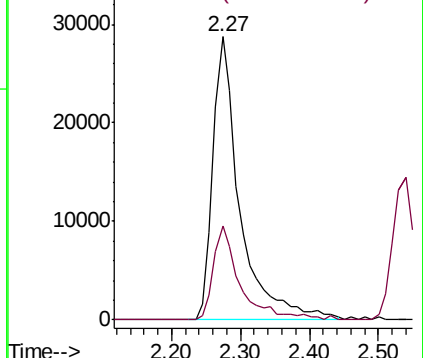
Tgt Ion: 64 Resp: 78017

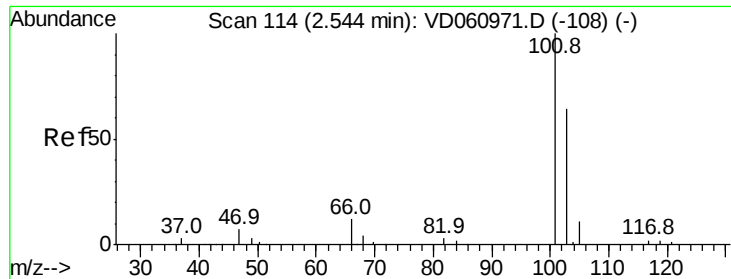
Ion	Ratio	Lower	Upper
64	100		
66	33.0	22.2	33.2



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

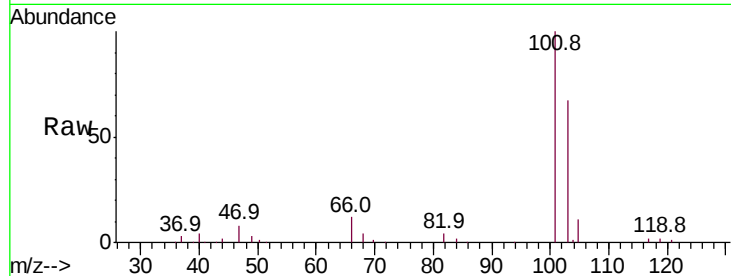




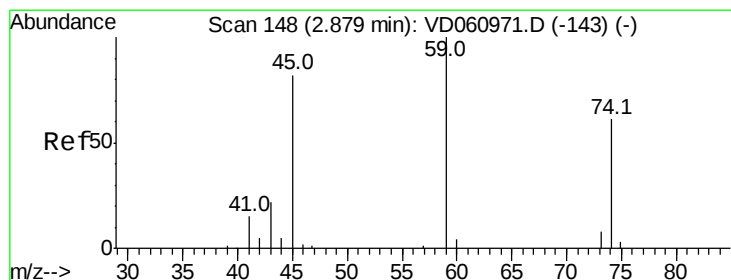
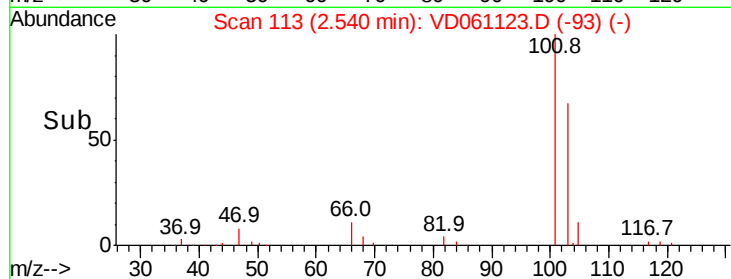
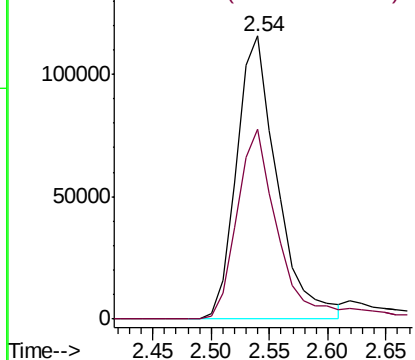
#7

Trichlorofluoromethane
Concen: 44.428 ug/l
RT: 2.54 min Scan# 113
Delta R.T. -0.00 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

Tot Ion:101 Resp: 278474
Ion Ratio Lower Upper
101 100
103 67.3 51.2 76.8



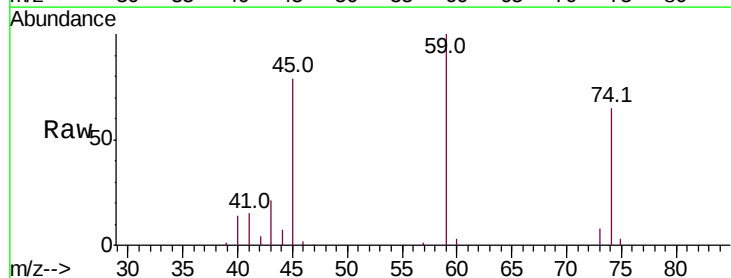
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



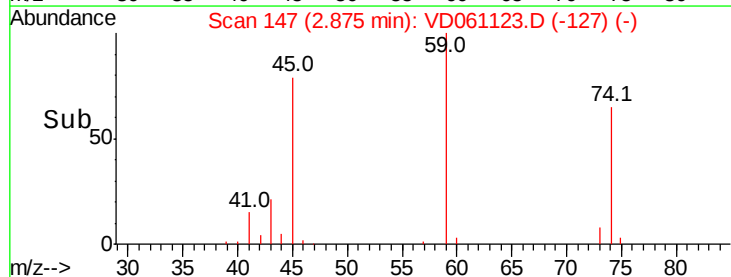
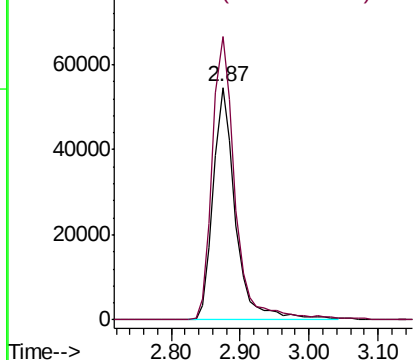
#8

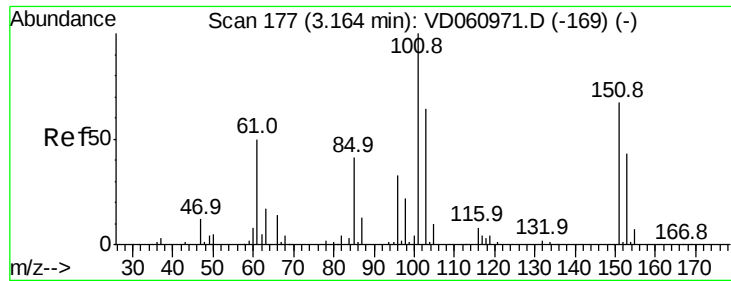
Diethyl Ether
Concen: 59.490 ug/l
RT: 2.87 min Scan# 147
Delta R.T. -0.00 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

Tgt Ion: 74 Resp: 123012
Ion Ratio Lower Upper
74 100
45 121.8 67.0 201.1



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.673 ug/l

RT: 3.16 min Scan# 176

Delta R.T. -0.00 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

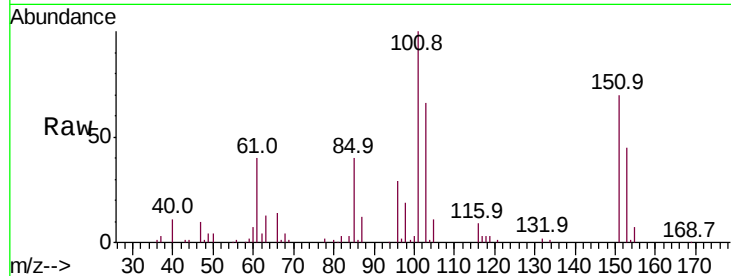
Tot Ion:101 Resp: 334073

Ion Ratio Lower Upper

101 100

85 40.1 32.5 48.7

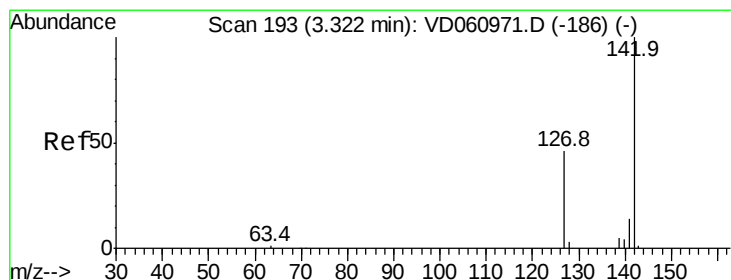
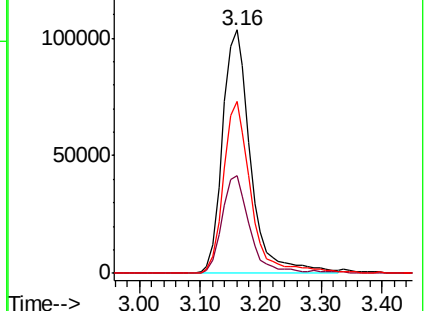
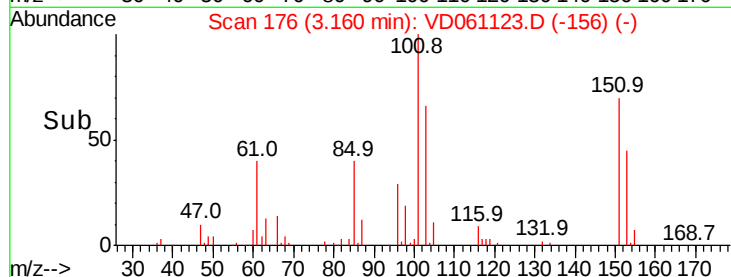
151 70.5 53.3 79.9



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: 51.449 ug/l

RT: 3.32 min Scan# 192

Delta R.T. -0.00 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

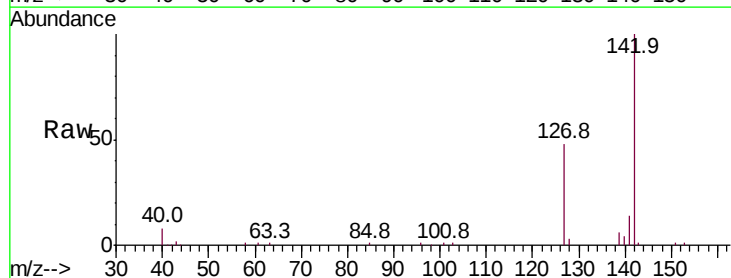
Tgt Ion:142 Resp: 497381

Ion Ratio Lower Upper

142 100

127 47.7 36.8 55.2

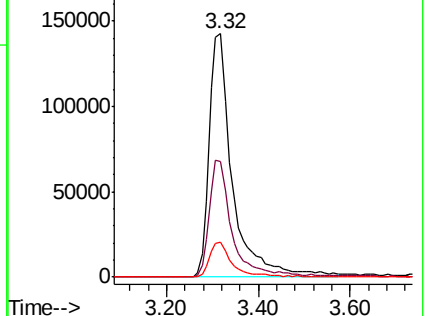
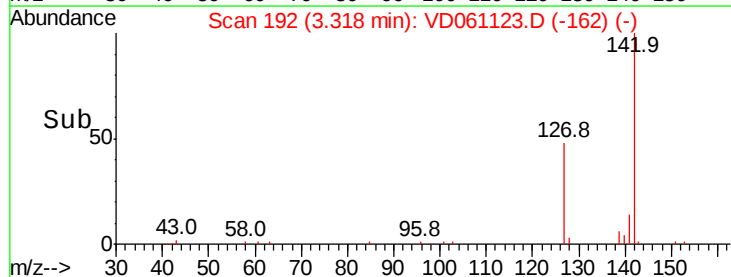
141 14.3 11.2 16.8

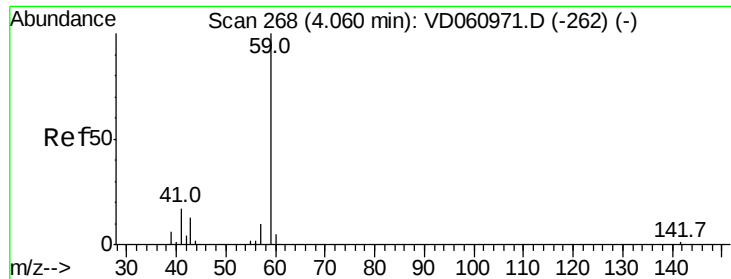


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

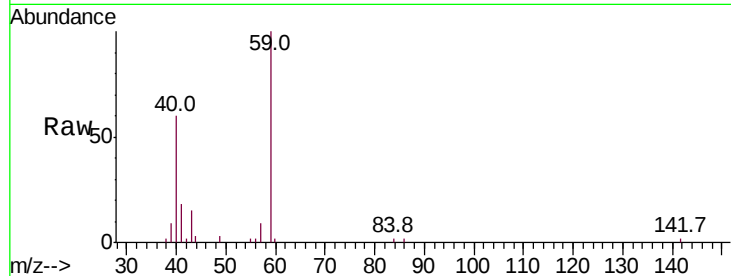




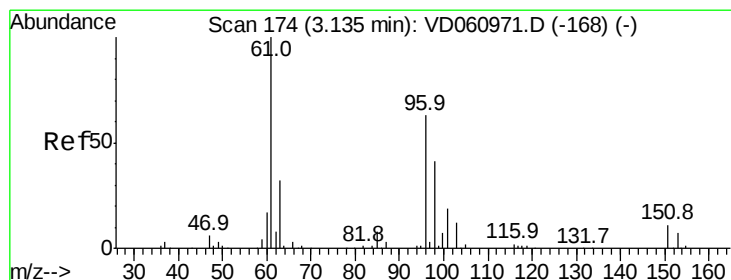
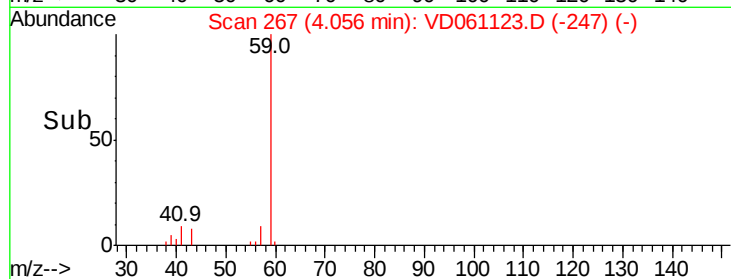
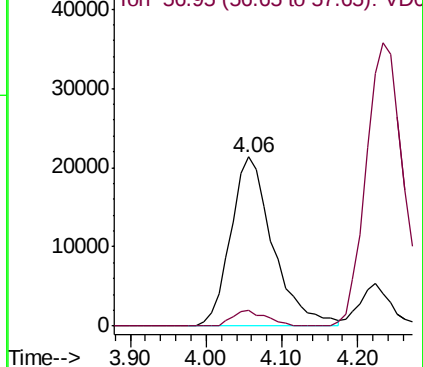
#11

Tert butyl alcohol
Concen: 272.173 ug/l
RT: 4.06 min Scan# 267
Delta R.T. -0.00 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

Tot Ion: 59 Resp: 82533
Ion Ratio Lower Upper
59 100
57 9.4 7.1 10.7



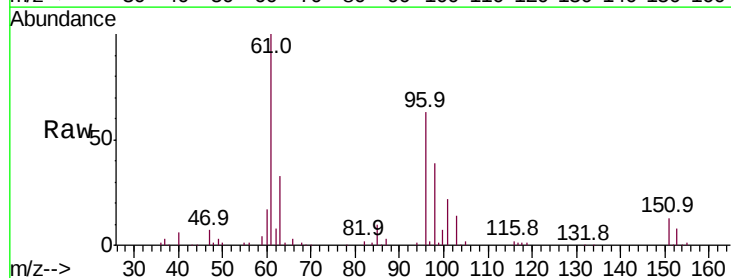
Abundance Ion 58.95 (58.65 to 59.65): VDC
Ion 56.95 (56.65 to 57.65): VDC



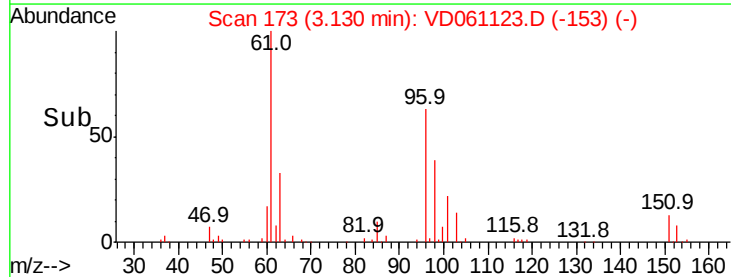
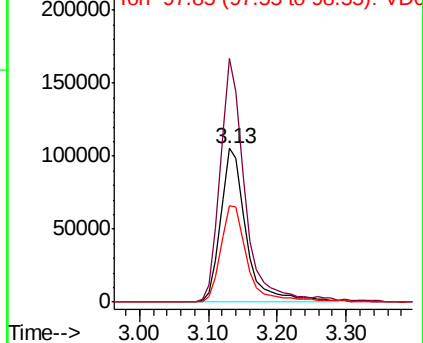
#12

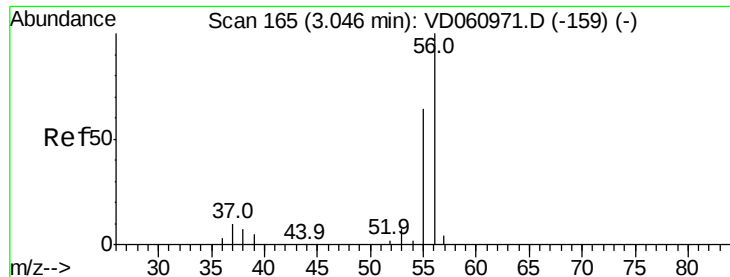
1,1-Dichloroethene
Concen: 47.227 ug/l
RT: 3.13 min Scan# 173
Delta R.T. -0.00 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

Tgt Ion: 96 Resp: 271277
Ion Ratio Lower Upper
96 100
61 158.6 127.1 190.7
98 62.5 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: 257.673 ug/l

RT: 3.03 min Scan# 163

Delta R.T. -0.01 min

Lab File: VD061123.D

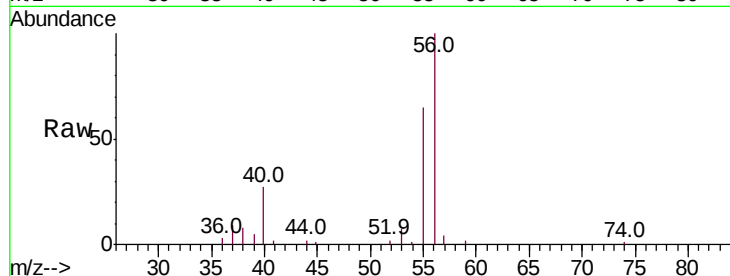
Acq: 16 Mar 2019 22:58

Tot Ion: 56 Resp: 113056

Ion Ratio Lower Upper

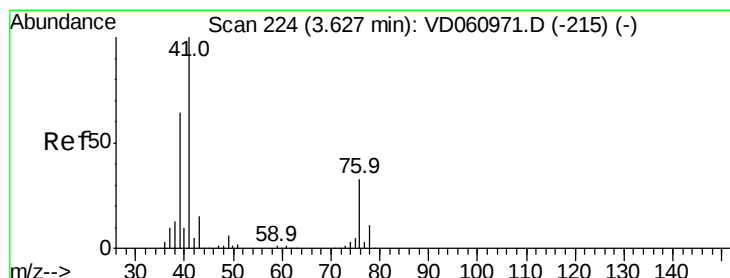
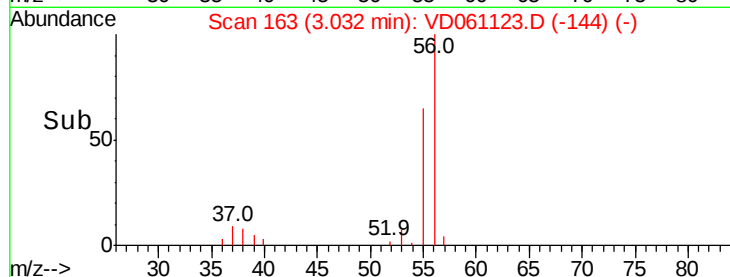
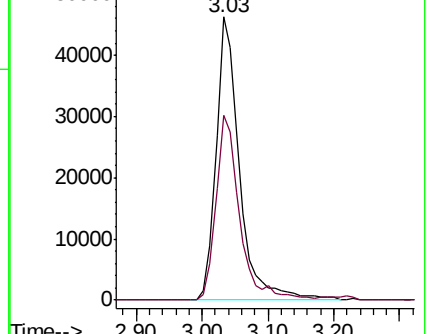
56 100

55 65.3 51.3 76.9



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 49.079 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.00 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

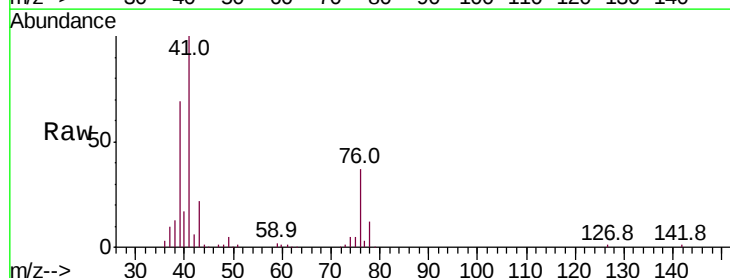
Tgt Ion: 41 Resp: 451061

Ion Ratio Lower Upper

41 100

39 68.8 51.1 76.7

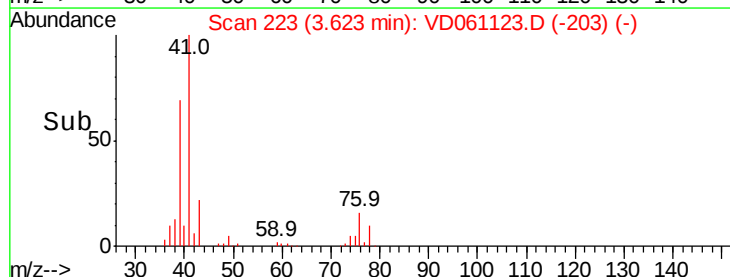
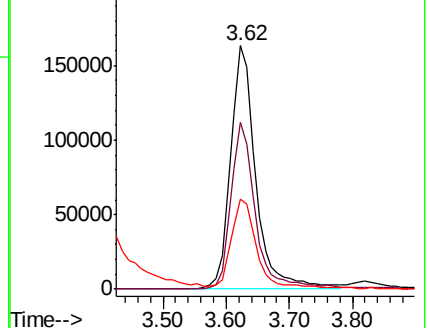
76 37.2 29.1 43.7

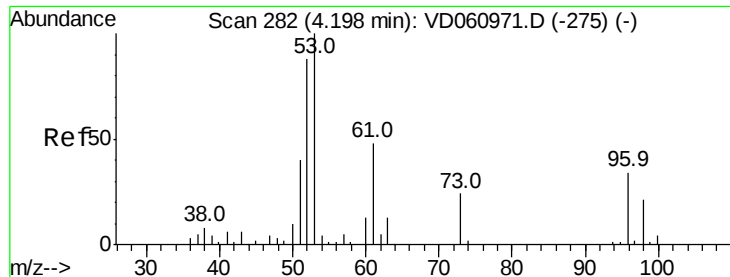


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 295.852 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.00 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

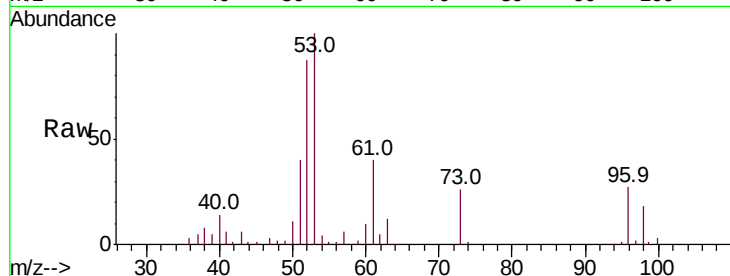
Tot Ion: 53 Resp: 317076

Ion Ratio Lower Upper

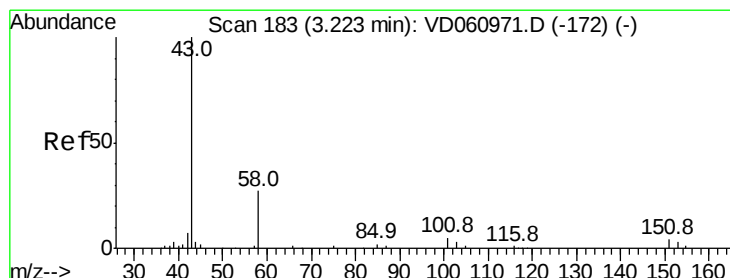
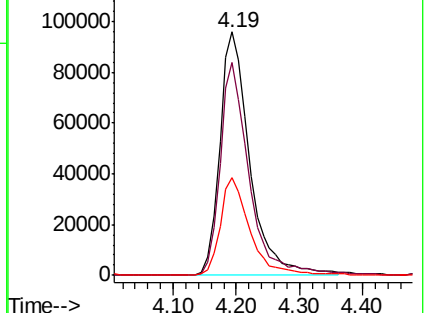
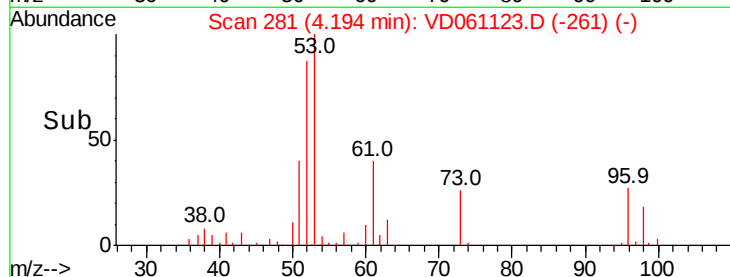
53 100

52 87.3 70.2 105.4

51 40.2 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: 228.204 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD061123.D

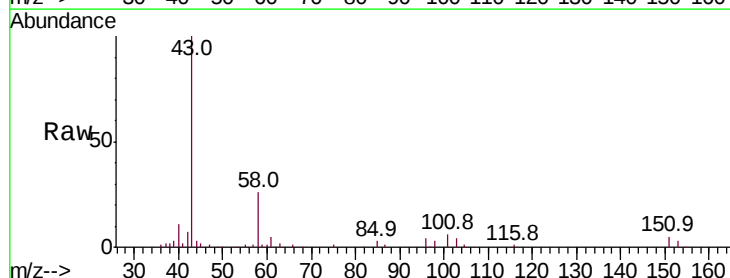
Acq: 16 Mar 2019 22:58

Tgt Ion: 43 Resp: 310835

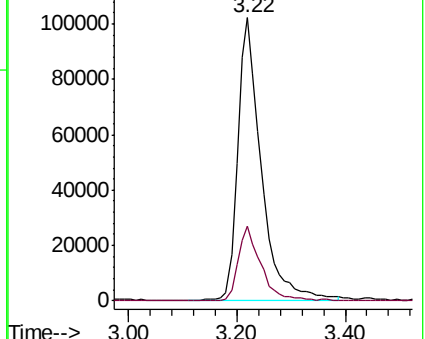
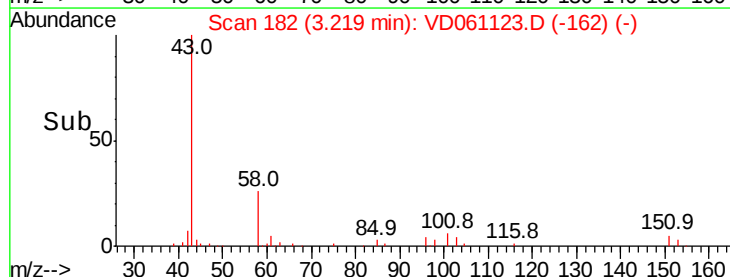
Ion Ratio Lower Upper

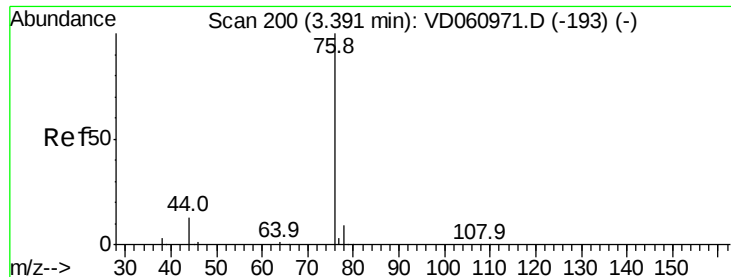
43 100

58 26.2 21.6 32.4



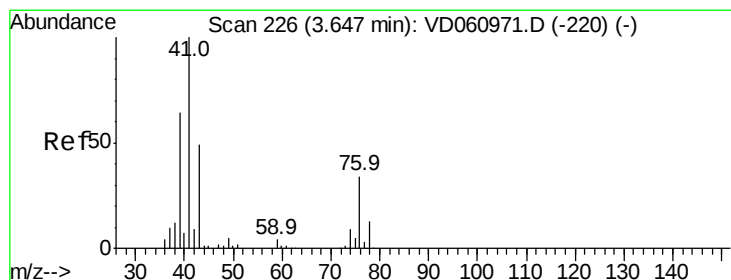
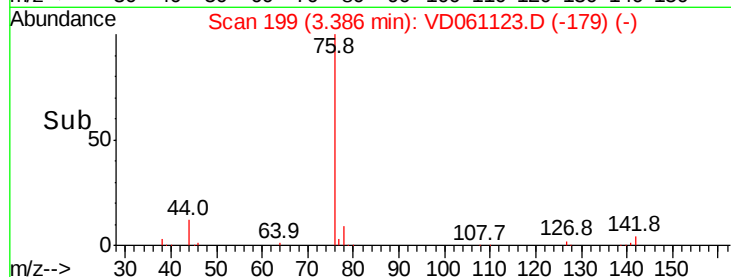
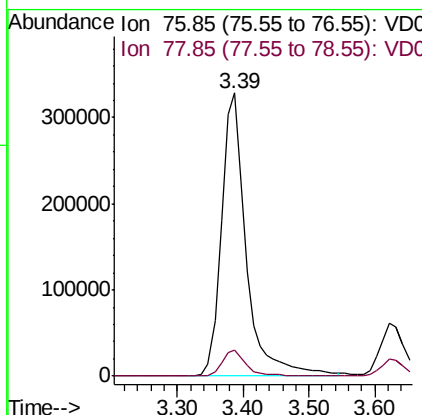
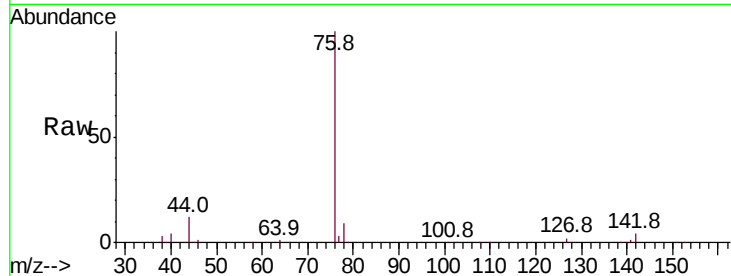
Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC





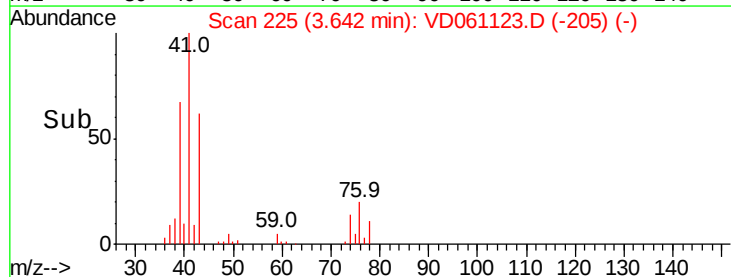
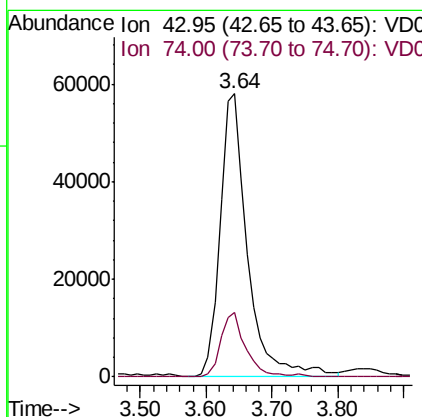
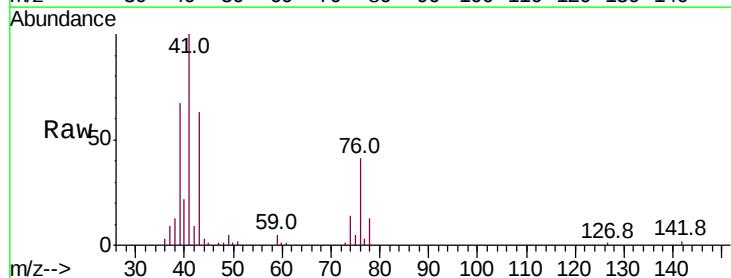
#17
Carbon Disulfide
Concen: 44.578 ug/l
RT: 3.39 min Scan# 199
Delta R.T. -0.00 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

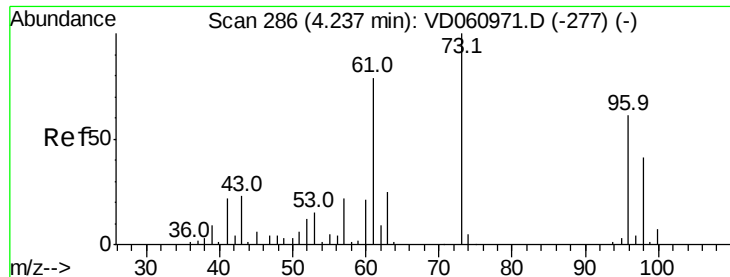
Tot Ion: 76 Resp: 863774
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 62.911 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.00 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

Tgt Ion: 43 Resp: 168637
Ion Ratio Lower Upper
43 100
74 22.7 14.6 21.8#

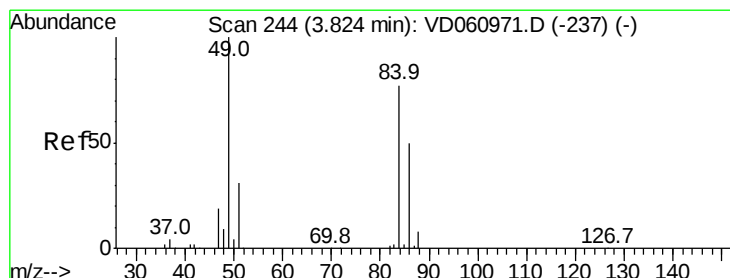
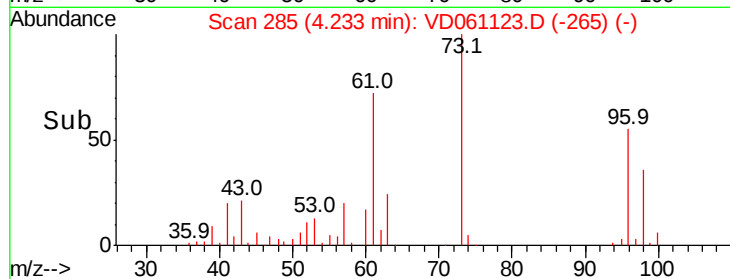
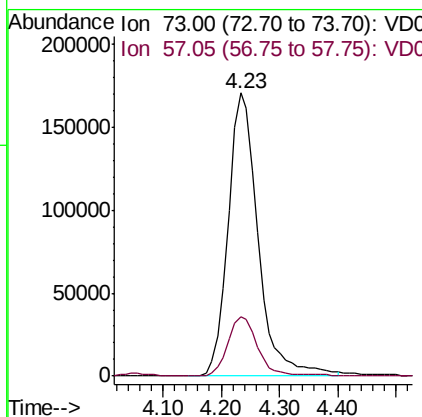
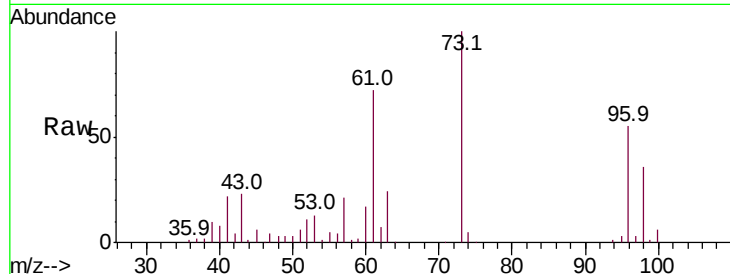




#19

Methyl tert-butyl Ether
 Concen: 60.593 ug/l
 RT: 4.23 min Scan# 285
 Delta R.T. -0.00 min
 Lab File: VD061123.D
 Acq: 16 Mar 2019 22:58

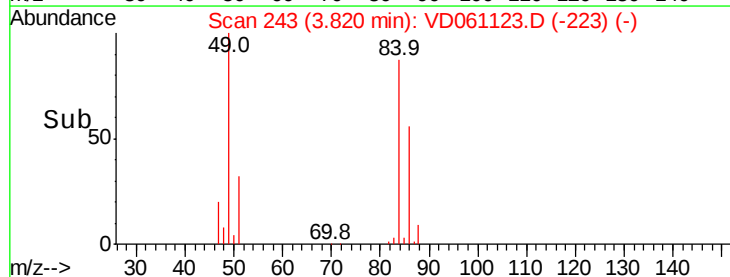
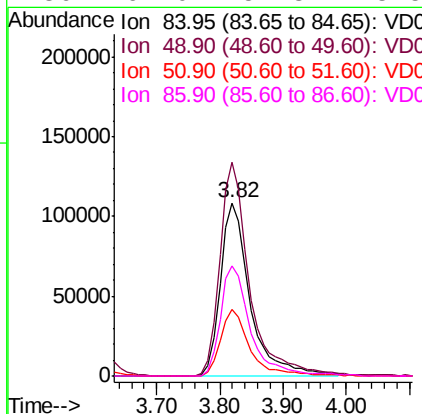
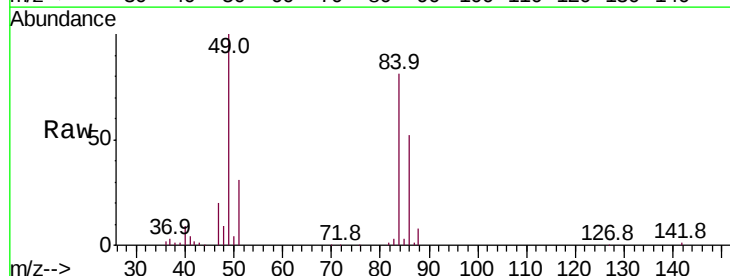
Tot Ion: 73 Resp: 609970
 Ion Ratio Lower Upper
 73 100
 57 20.9 17.7 26.5

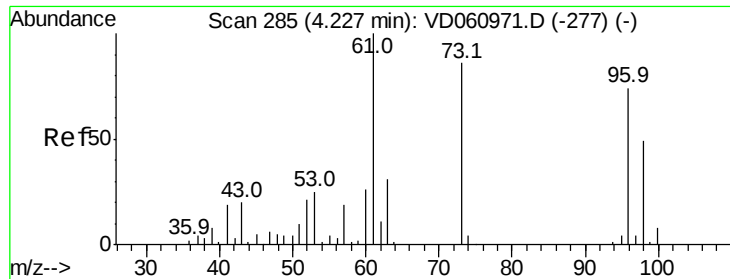


#20

Methylene Chloride
 Concen: 58.005 ug/l
 RT: 3.82 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VD061123.D
 Acq: 16 Mar 2019 22:58

Tgt Ion: 84 Resp: 355608
 Ion Ratio Lower Upper
 84 100
 49 123.5 104.2 156.2
 51 38.3 32.3 48.5
 86 64.0 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 53.137 ug/l

RT: 4.22 min Scan# 284

Delta R.T. -0.00 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

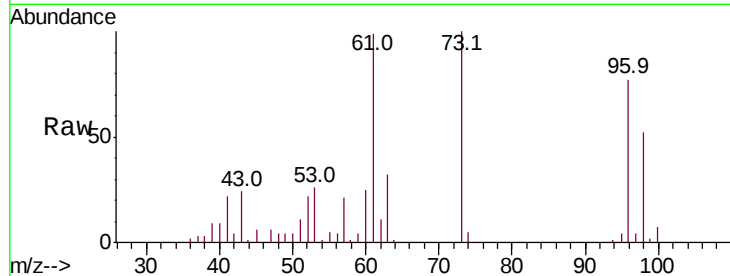
Tot Ion: 96 Resp: 330368

Ion Ratio Lower Upper

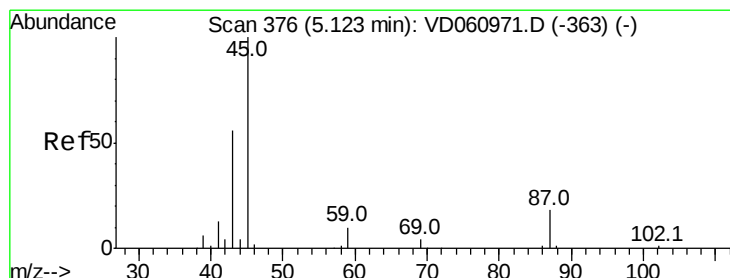
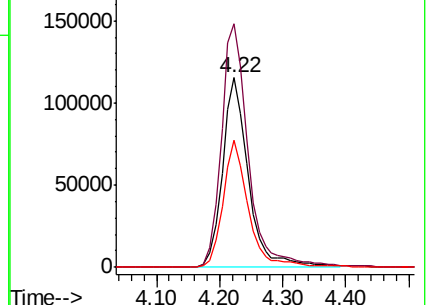
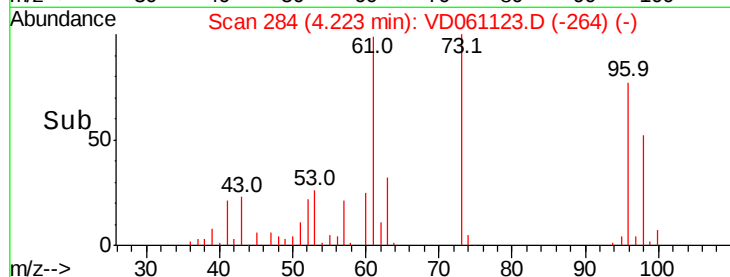
96 100

61 128.4 108.4 162.6

98 67.1 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: 50.815 ug/l

RT: 5.12 min Scan# 375

Delta R.T. -0.00 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

Tgt Ion: 45 Resp: 969491

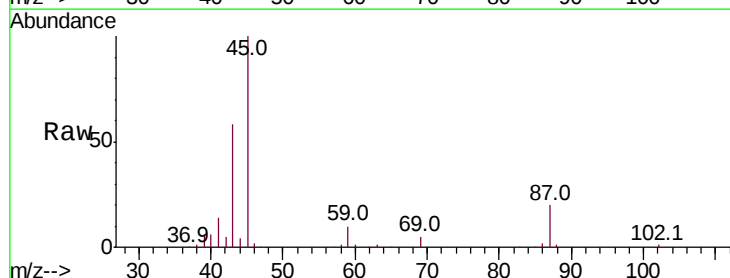
Ion Ratio Lower Upper

45 100

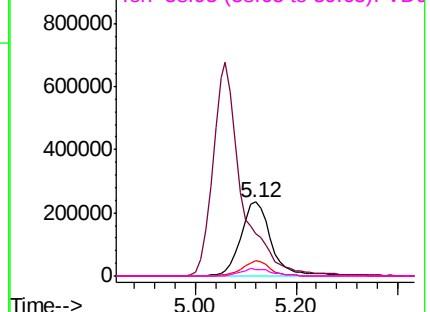
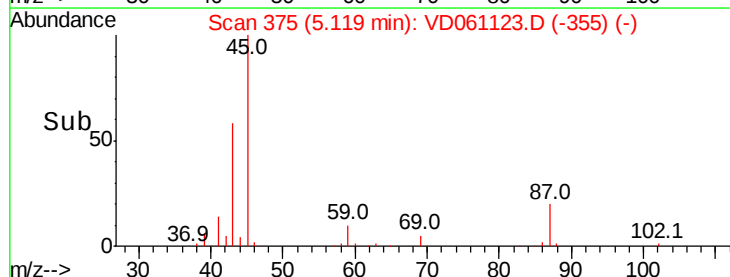
43 57.8 45.8 68.8

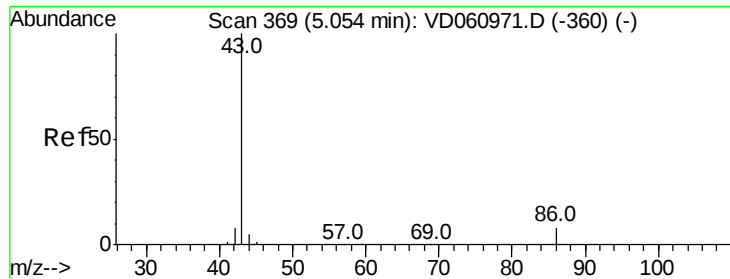
87 20.1 14.9 22.3

59 9.6 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: 270.503 ug/l

RT: 5.06 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD061123.D

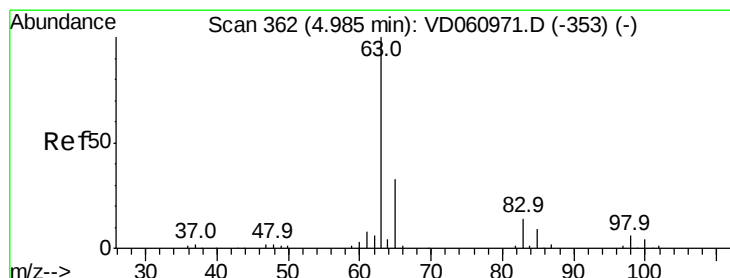
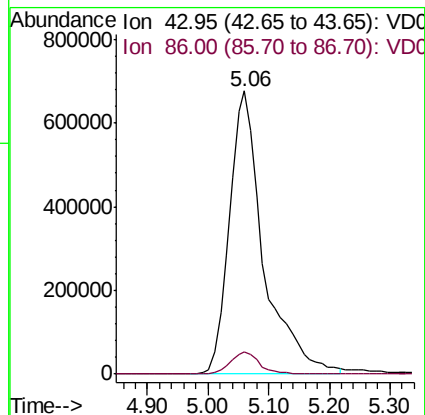
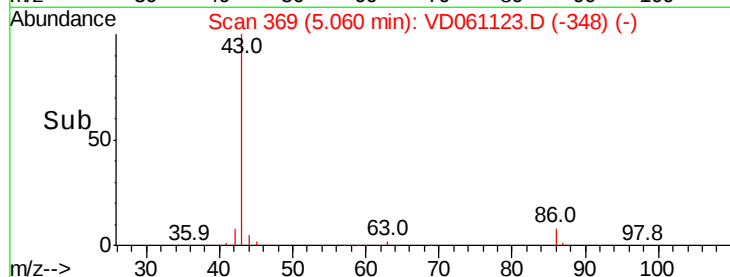
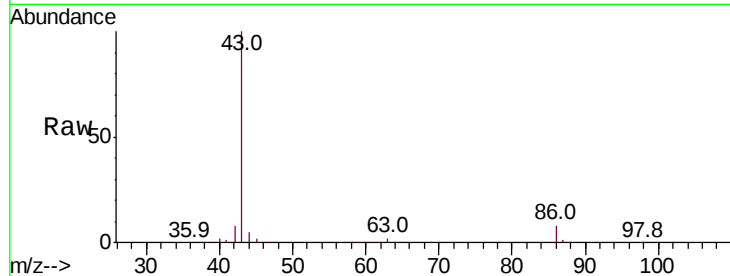
Acq: 16 Mar 2019 22:58

Tot Ion: 43 Resp: 2649299

Ion Ratio Lower Upper

43 100

86 8.0 6.2 9.2



#24

1,1-Dichloroethane

Concen: 52.104 ug/l

RT: 4.99 min Scan# 362

Delta R.T. 0.01 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

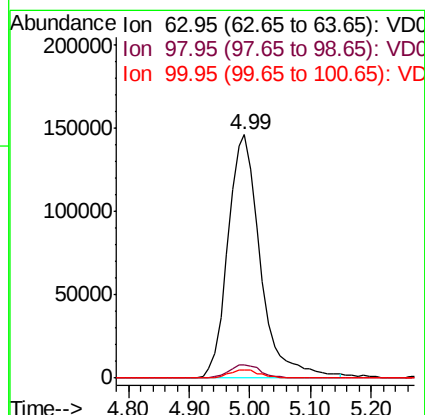
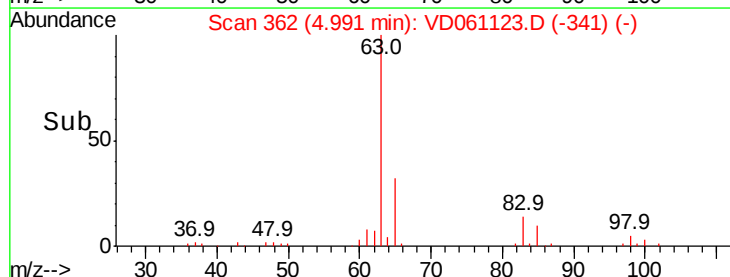
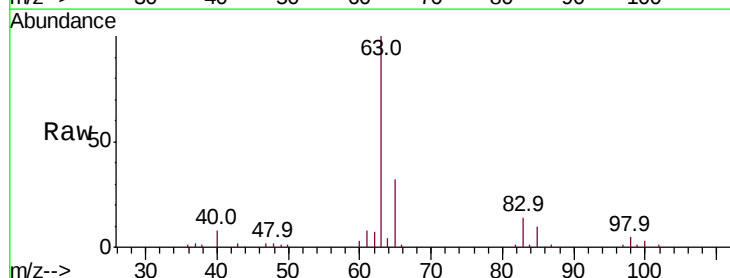
Tgt Ion: 63 Resp: 544655

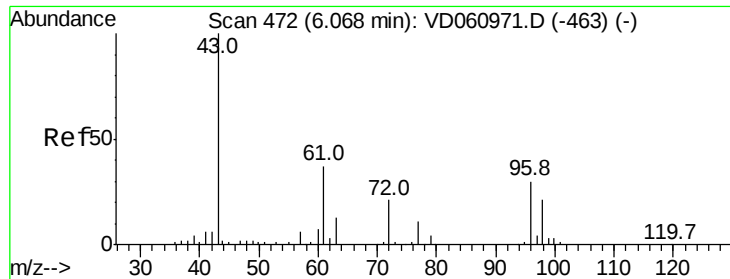
Ion Ratio Lower Upper

63 100

98 5.4 3.0 9.2

100 3.5 2.0 5.8





#25

2-Butanone

Concen: 274.565 ug/l

RT: 6.06 min Scan# 471

Delta R.T. -0.00 min

Lab File: VD061123.D

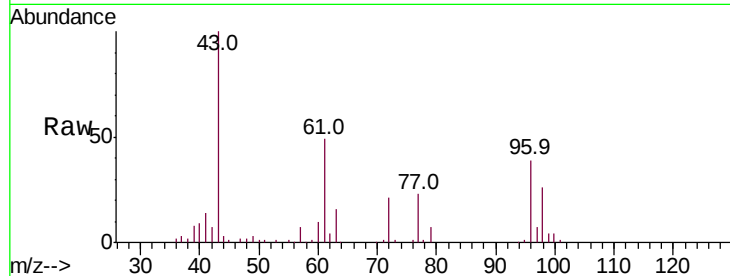
Acq: 16 Mar 2019 22:58

Tot Ion: 43 Resp: 424367

Ion Ratio Lower Upper

43 100

72 21.1 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

150000

100000

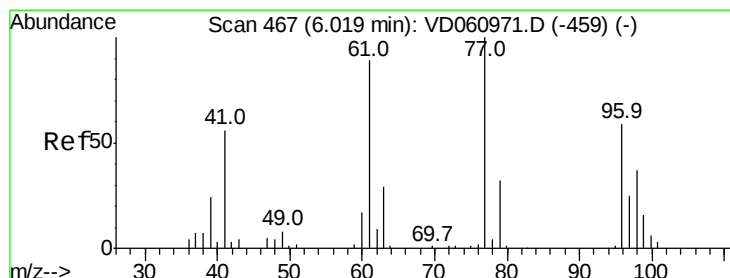
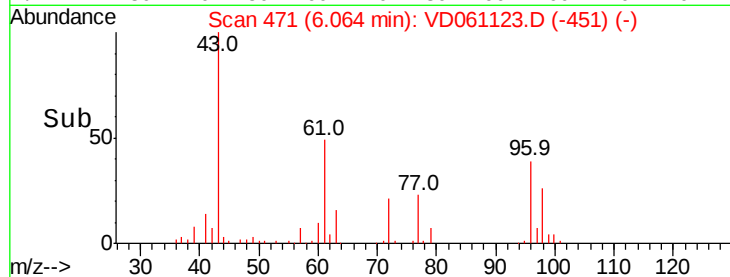
50000

0

6.06

6.10

Time-->



#26

2,2-Dichloropropane

Concen: 47.740 ug/l

RT: 6.02 min Scan# 467

Delta R.T. 0.01 min

Lab File: VD061123.D

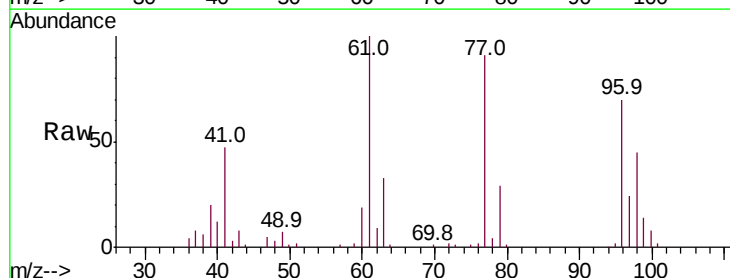
Acq: 16 Mar 2019 22:58

Tgt Ion: 77 Resp: 389581

Ion Ratio Lower Upper

77 100

97 26.3 12.6 37.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

120000

100000

80000

60000

40000

20000

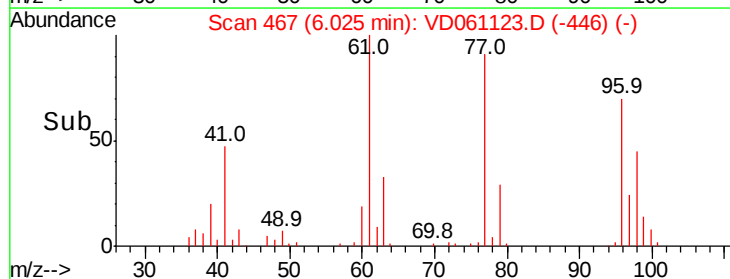
0

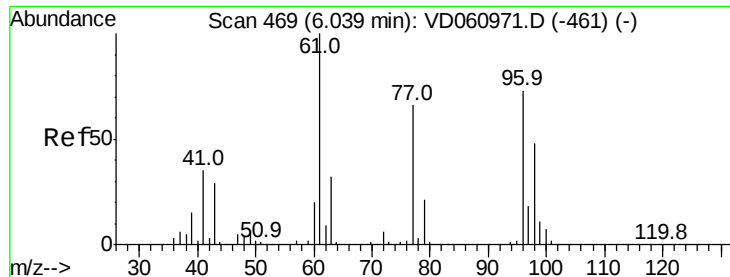
6.02

6.10

6.20

Time-->





#27

cis-1,2-Dichloroethene

Concen: 53.492 ug/l

RT: 6.03 min Scan# 468

Delta R.T. -0.00 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

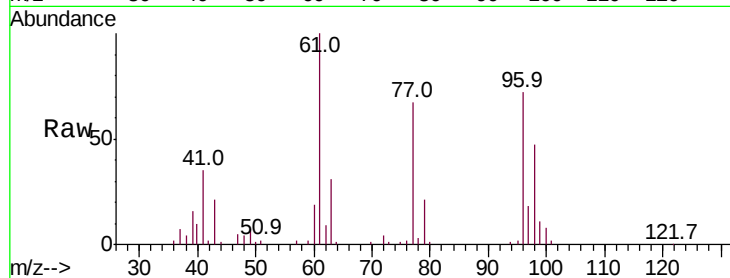
Tot Ion: 96 Resp: 352854

Ion Ratio Lower Upper

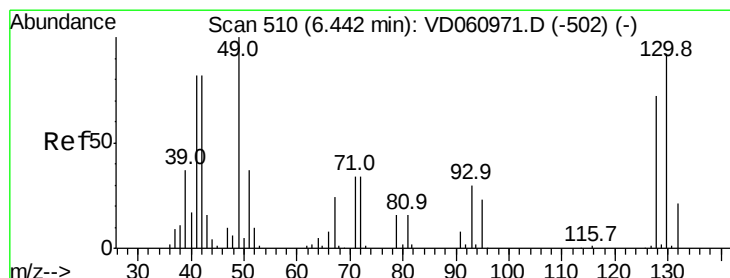
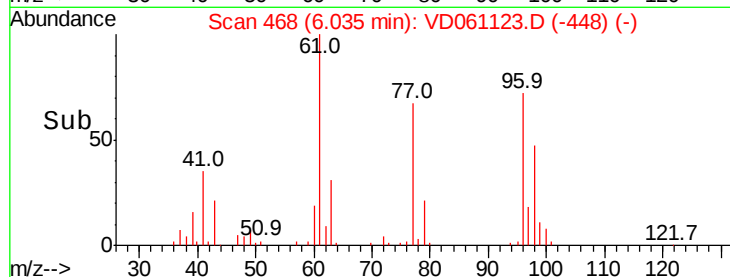
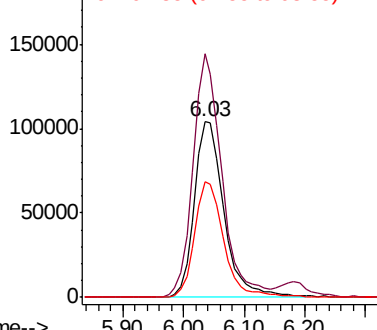
96 100

61 138.9 0.0 273.6

98 65.6 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: 53.429 ug/l

RT: 6.44 min Scan# 509

Delta R.T. -0.00 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

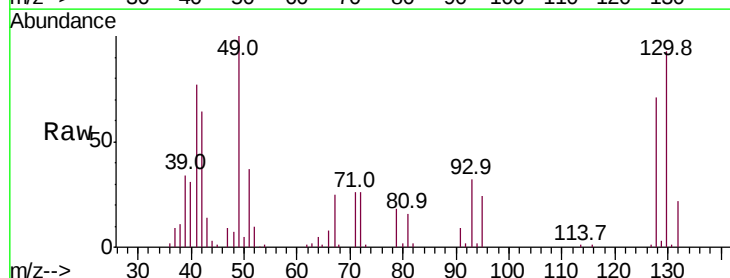
Tgt Ion: 49 Resp: 236440

Ion Ratio Lower Upper

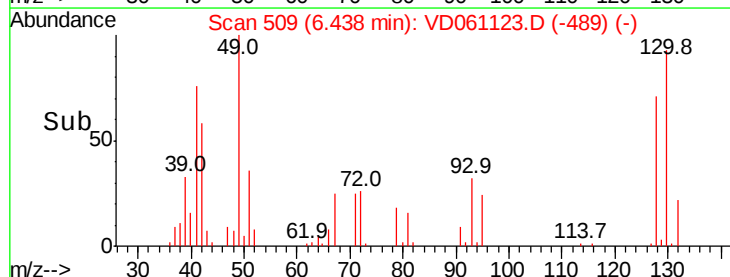
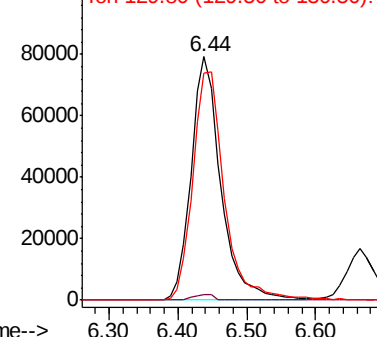
49 100

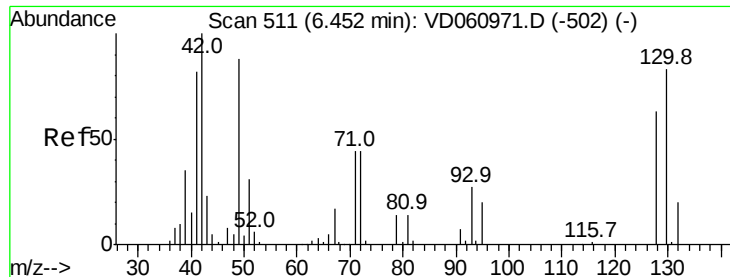
129 2.5 0.0 4.0

130 93.3 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: 259.515 ug/l

RT: 6.45 min Scan# 510

Delta R.T. -0.00 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

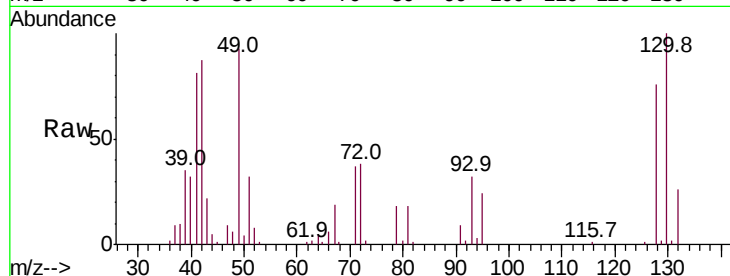
Tot Ion: 42 Resp: 217800

Ion Ratio Lower Upper

42 100

72 46.0 34.5 51.7

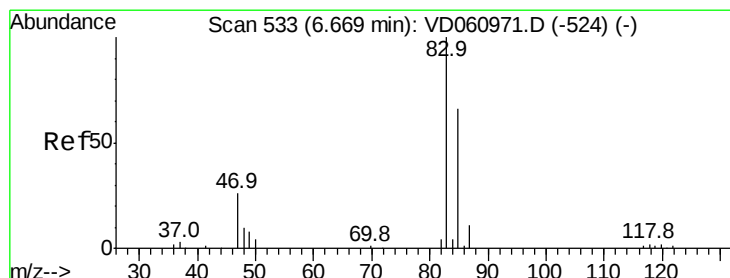
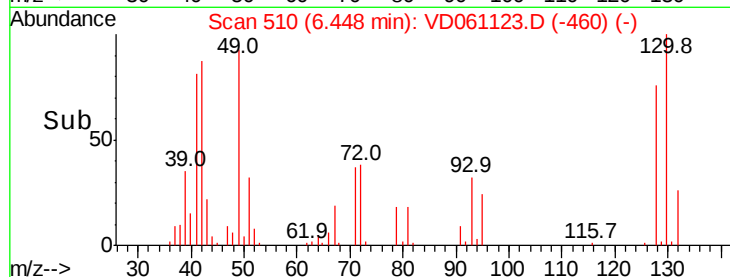
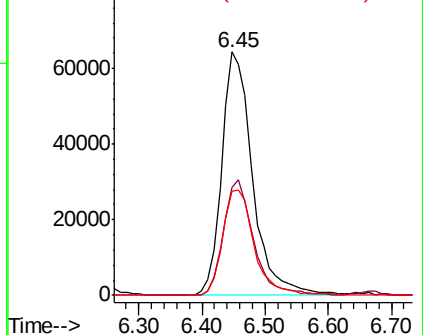
71 44.3 33.8 50.6



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: 53.486 ug/l

RT: 6.66 min Scan# 532

Delta R.T. -0.00 min

Lab File: VD061123.D

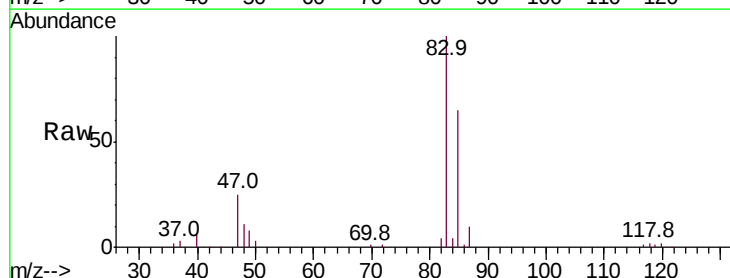
Acq: 16 Mar 2019 22:58

Tgt Ion: 83 Resp: 579469

Ion Ratio Lower Upper

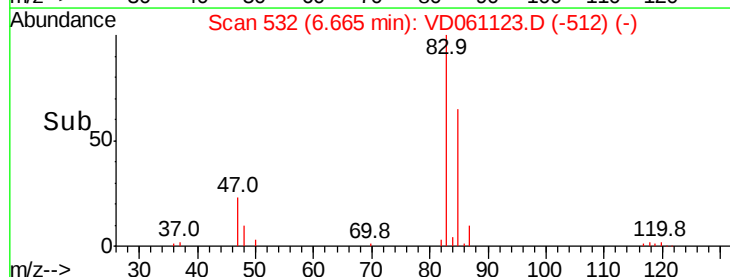
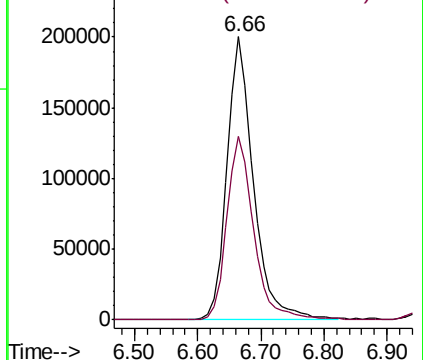
83 100

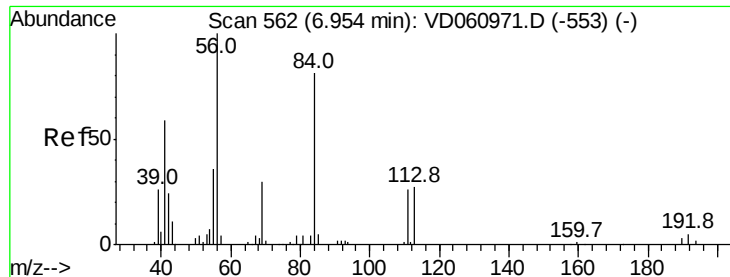
85 64.9 53.0 79.4



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC





#31

Cyclohexane

Concen: 46.269 ug/l

RT: 6.95 min Scan# 561

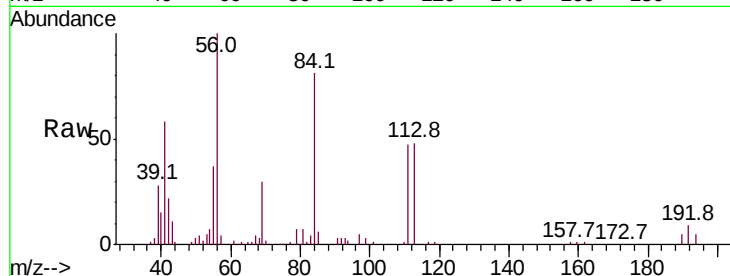
Delta R.T. -0.00 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

Tot Ion: 56 Resp: 389994

Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.0	36.0
84	81.4	65.8	98.6



Abundance

Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

200000

150000

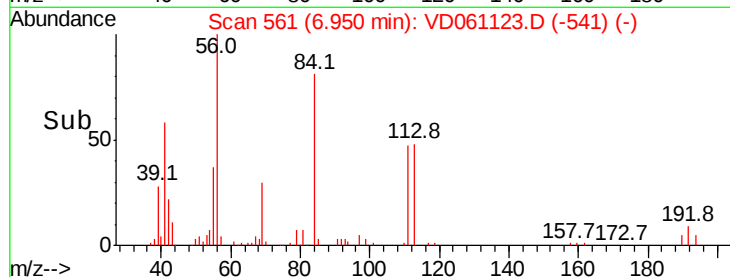
100000

50000

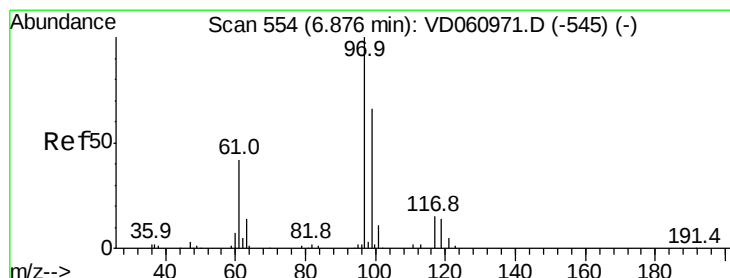
0

6.80 6.90 7.00

Time-->



Time-->



#32

1,1,1-Trichloroethane

Concen: 51.274 ug/l

RT: 6.87 min Scan# 553

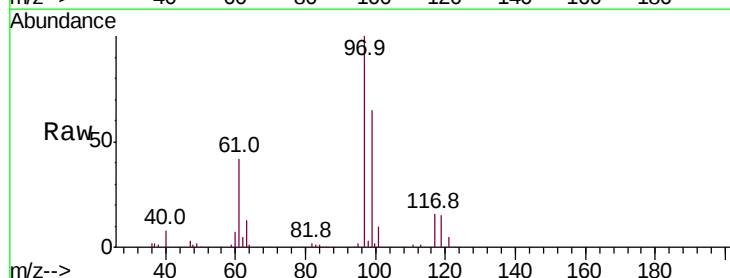
Delta R.T. -0.00 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

Tgt Ion: 97 Resp: 480258

Ion	Ratio	Lower	Upper
97	100		
99	64.7	53.2	79.8
61	42.4	33.8	50.8



Abundance

Ion 96.85 (96.55 to 97.55): VDC

Ion 98.85 (98.55 to 99.55): VDC

Ion 60.95 (60.65 to 61.65): VDC

200000

150000

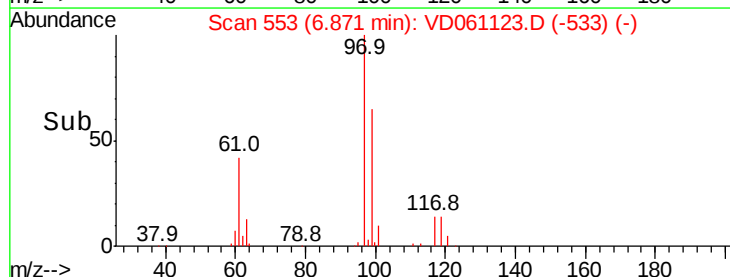
100000

50000

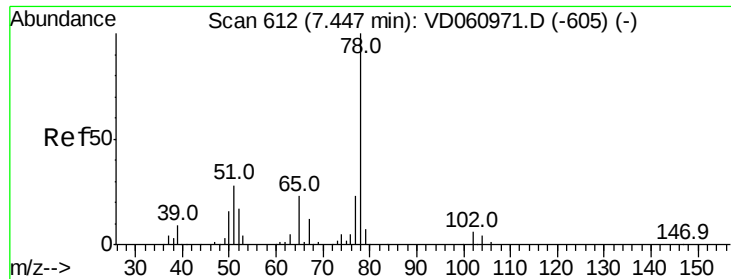
0

6.70 6.80 6.90 7.00 7.10

Time-->



Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.274 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD061123.D

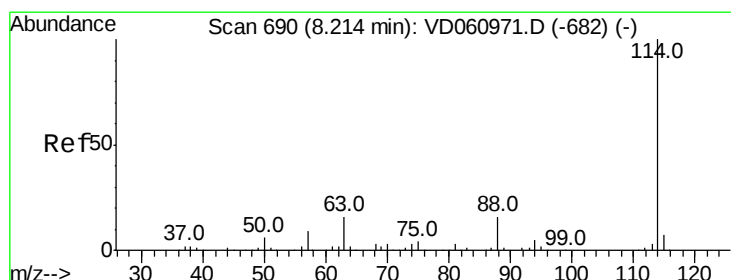
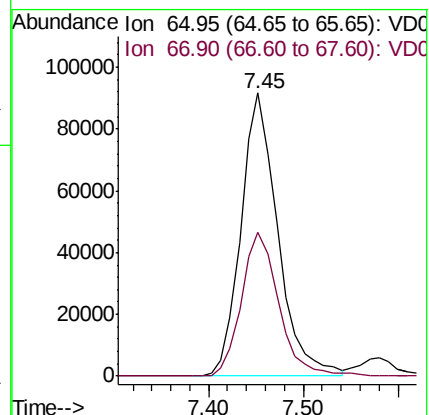
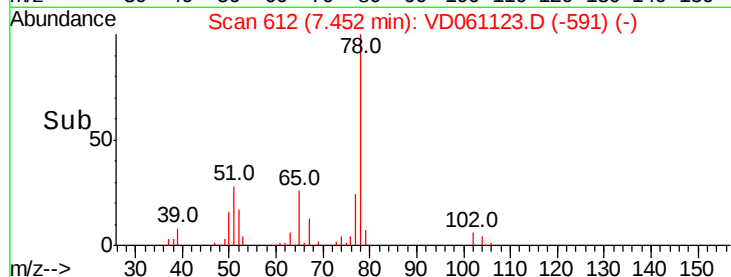
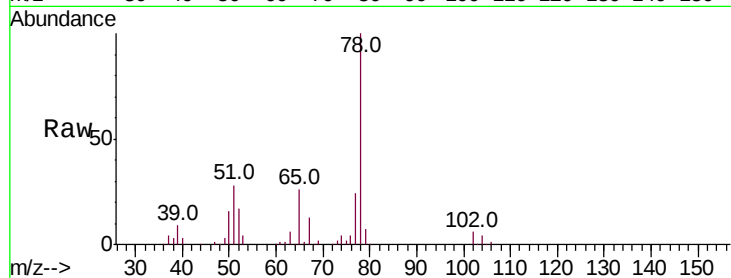
Acq: 16 Mar 2019 22:58

Tot Ion: 65 Resp: 246798

Ion Ratio Lower Upper

65 100

67 50.8 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

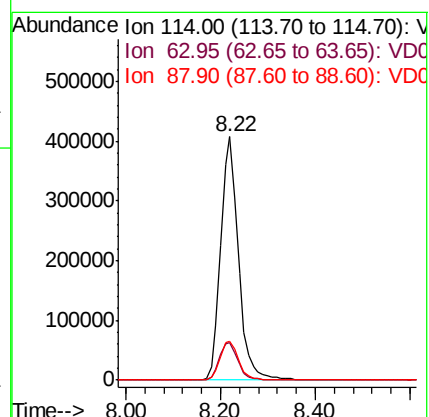
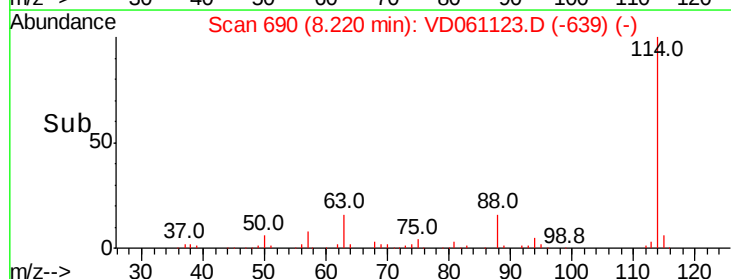
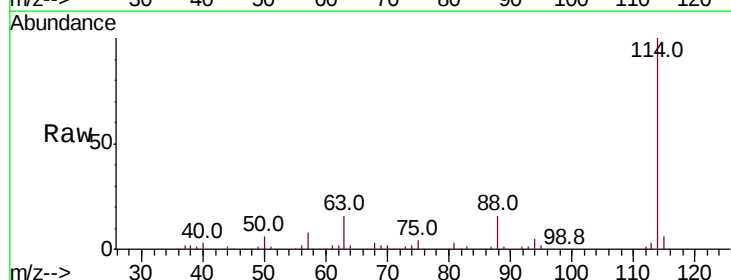
Tgt Ion: 114 Resp: 1061279

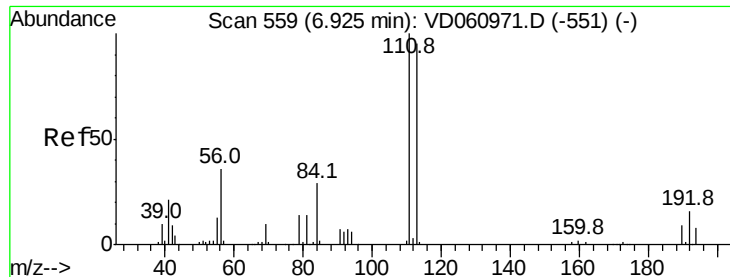
Ion Ratio Lower Upper

114 100

63 15.7 0.0 31.4

88 16.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

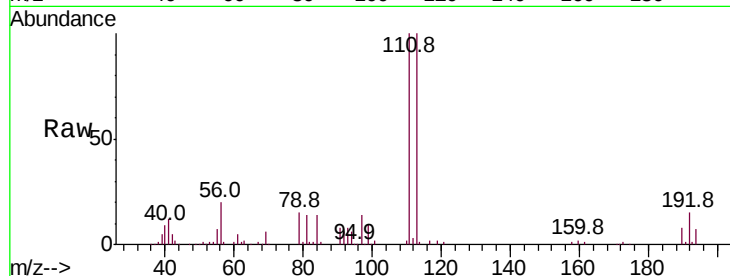
Delta R.T. -0.00 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

Tot Ion:113 Resp: 379457

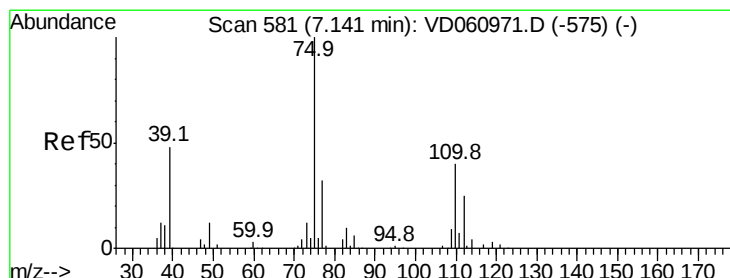
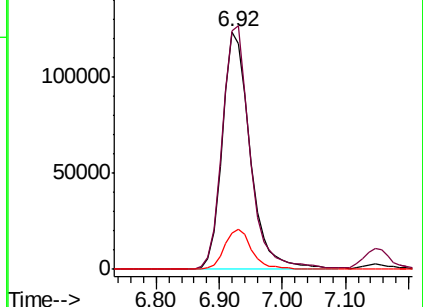
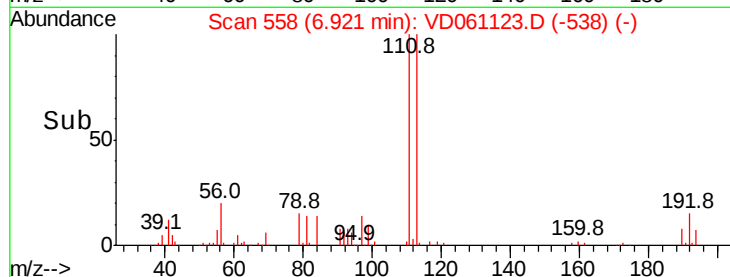
Ion	Ratio	Lower	Upper
113	100		
111	100.3	84.2	126.4
192	15.0	13.1	19.7



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: 45.276 ug/l

RT: 7.15 min Scan# 581

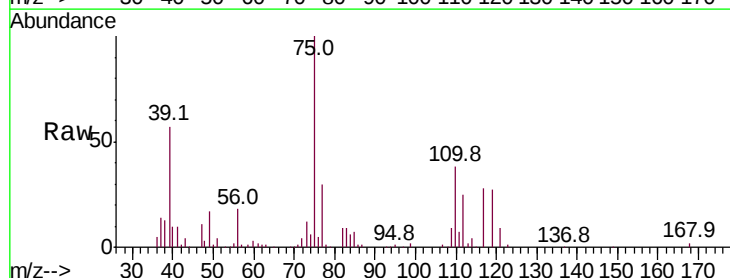
Delta R.T. 0.01 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

Tgt Ion: 75 Resp: 414193

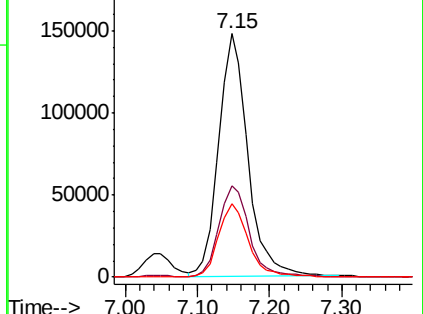
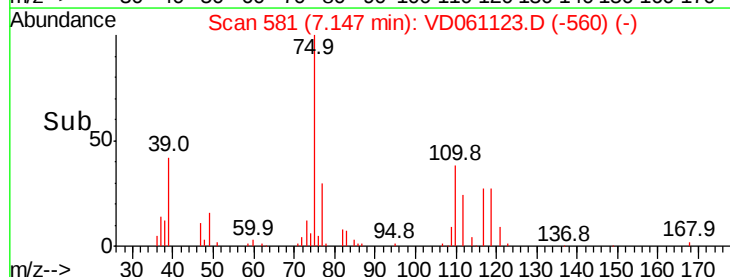
Ion	Ratio	Lower	Upper
75	100		
110	37.6	19.7	59.1
77	30.3	24.7	37.1

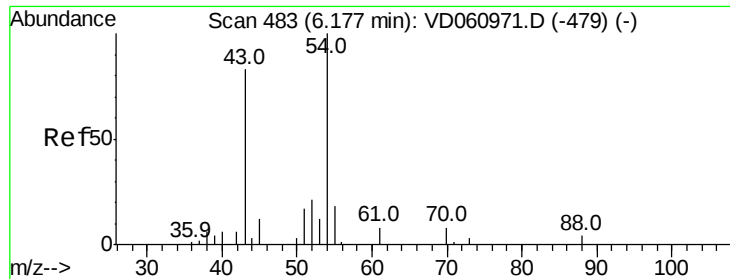


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

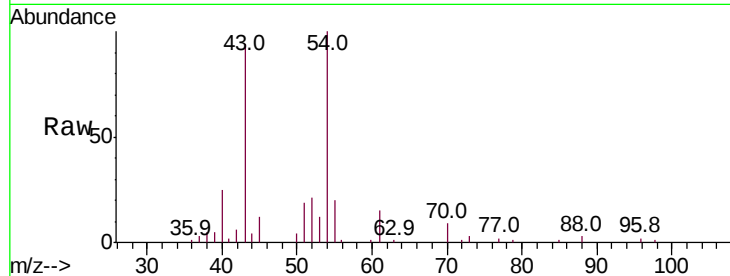
Ion 76.95 (76.65 to 77.65): V



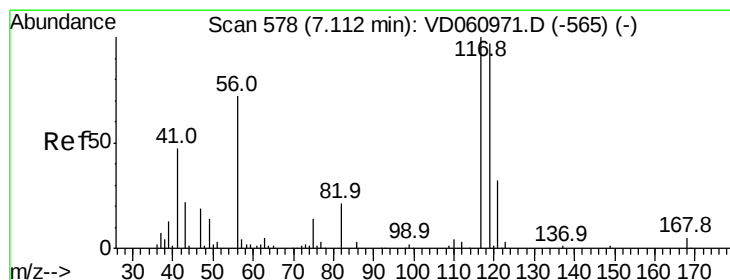
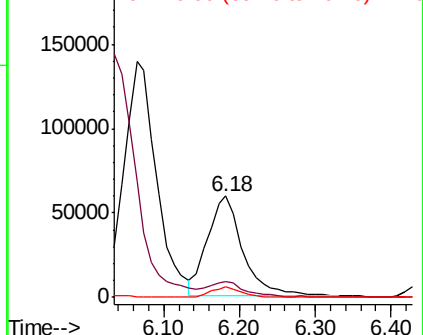
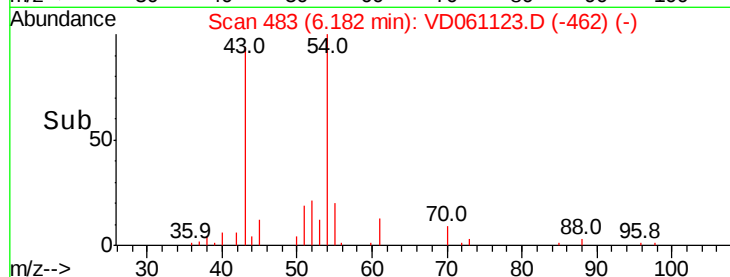


#37
Ethyl Acetate
Concen: 45.053 ug/l
RT: 6.18 min Scan# 483
Delta R.T. 0.01 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

Tot Ion: 43 Resp: 193405
Ion Ratio Lower Upper
43 100
61 15.9 13.7 20.5
70 10.0 7.1 10.7

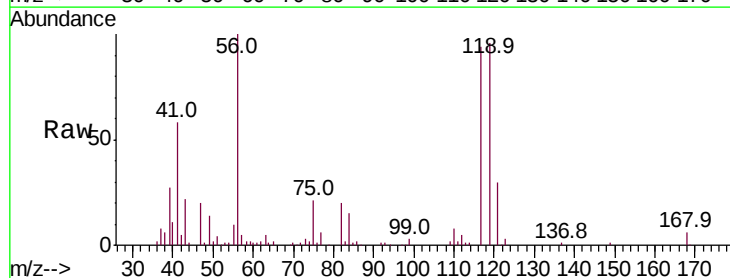


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

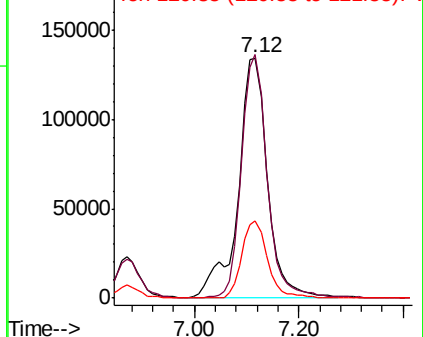
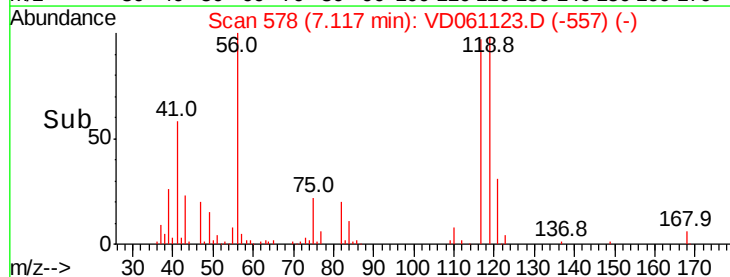


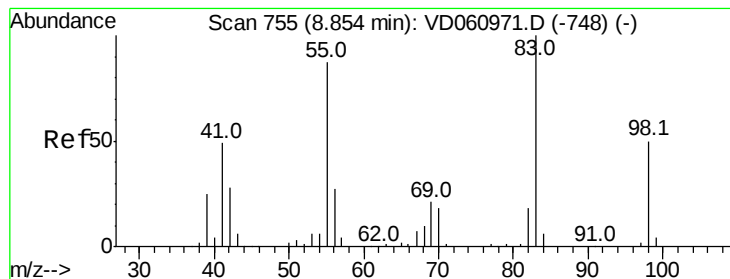
#38
Carbon Tetrachloride
Concen: 50.287 ug/l
RT: 7.12 min Scan# 578
Delta R.T. 0.01 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

Tgt Ion: 117 Resp: 506737
Ion Ratio Lower Upper
117 100
119 101.5 77.8 116.8
121 32.0 25.3 37.9



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





#39

Methvlcvclohexane

Concen: 42.923 ug/l

RT: 8.86 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

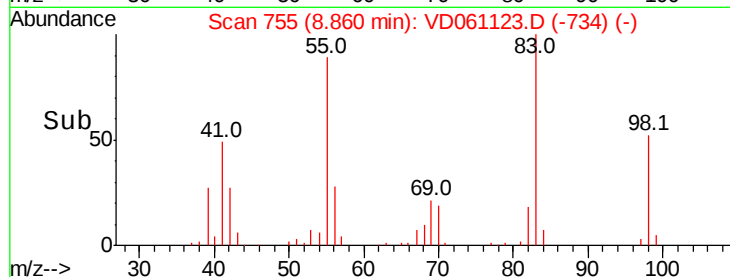
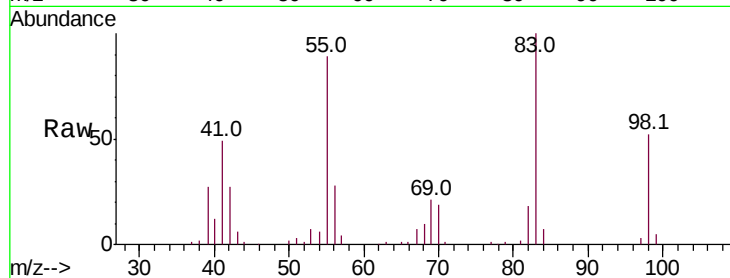
Tot Ion: 83 Resp: 407159

Ion Ratio Lower Upper

83 100

55 89.0 69.6 104.4

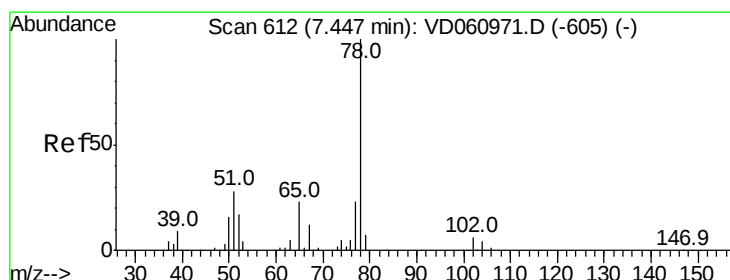
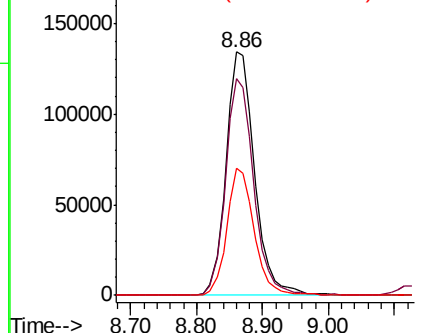
98 52.3 40.0 60.0



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: 46.169 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD061123.D

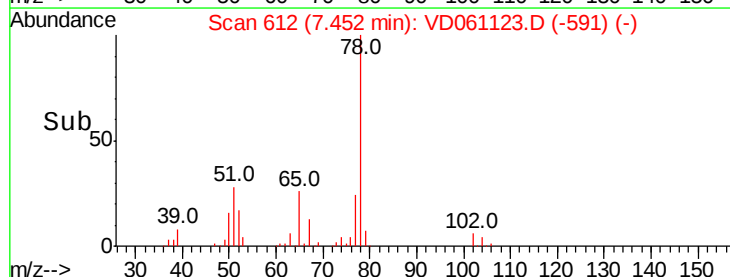
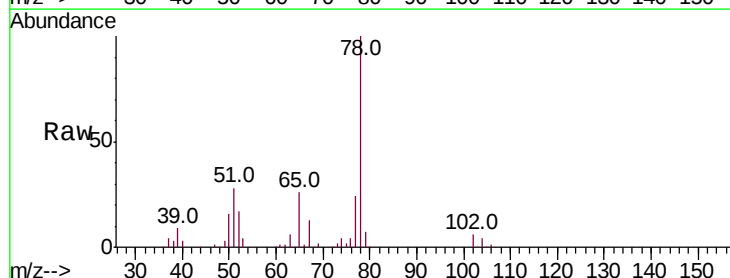
Acq: 16 Mar 2019 22:58

Tgt Ion: 78 Resp: 1055367

Ion Ratio Lower Upper

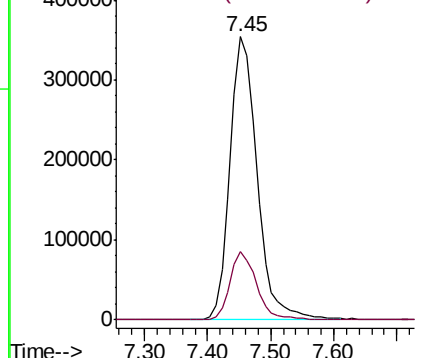
78 100

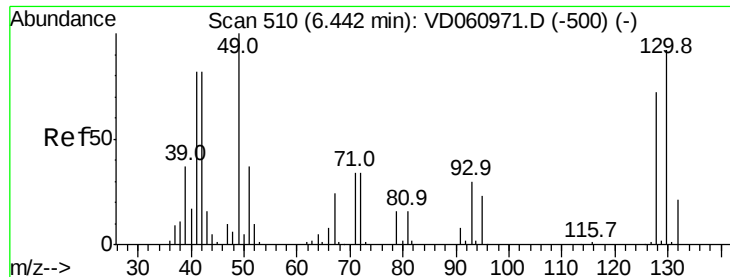
77 24.1 18.8 28.2



Abundance Ion 77.95 (77.65 to 78.65): VDC

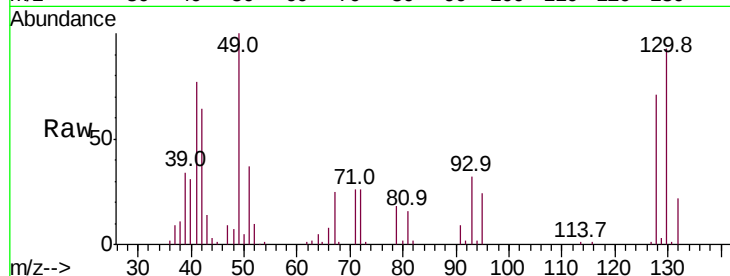
Ion 76.95 (76.65 to 77.65): VDC



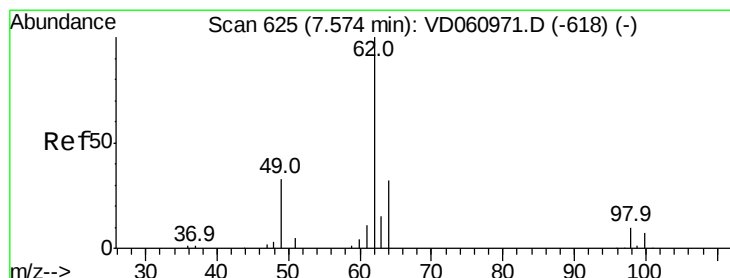
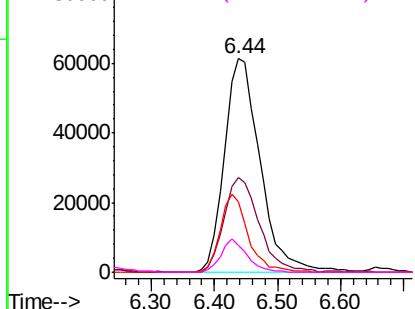
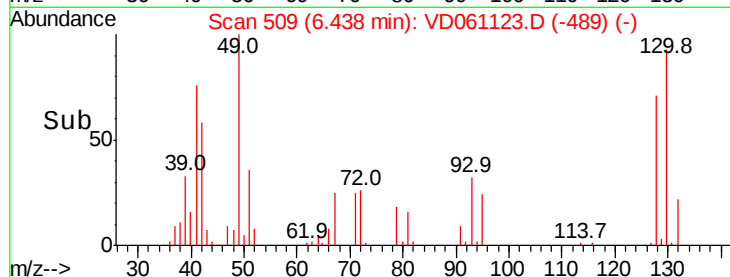


#41
Methacrylonitrile
Concen: 48.677 ug/l
RT: 6.44 min Scan# 509
Delta R.T. -0.00 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

Tot Ion:	41	Resp:	240354
Ion	Ratio	Lower	Upper
41	100		
39	44.3	35.7	53.5
67	32.8	23.0	34.6
52	12.5	9.2	13.8

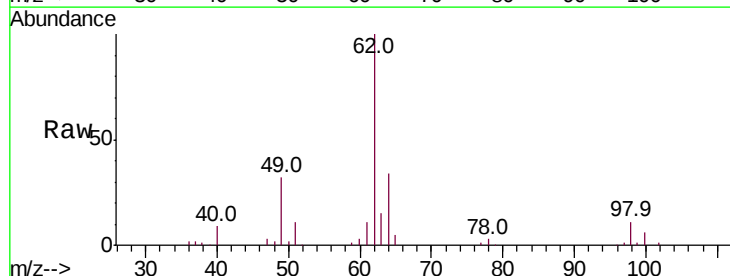


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

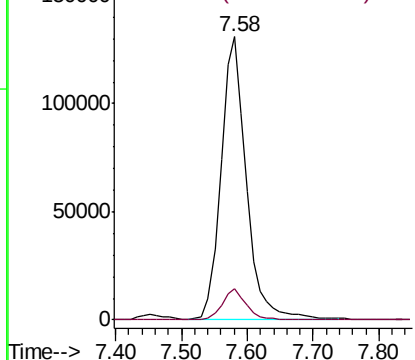
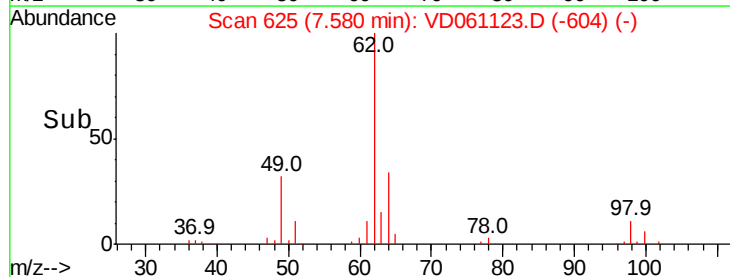


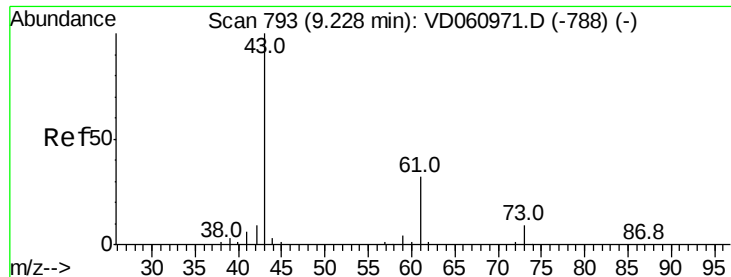
#42
1,2-Dichloroethane
Concen: 53.056 ug/l
RT: 7.58 min Scan# 625
Delta R.T. 0.01 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

Tgt Ion:	62	Resp:	351951
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.4



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

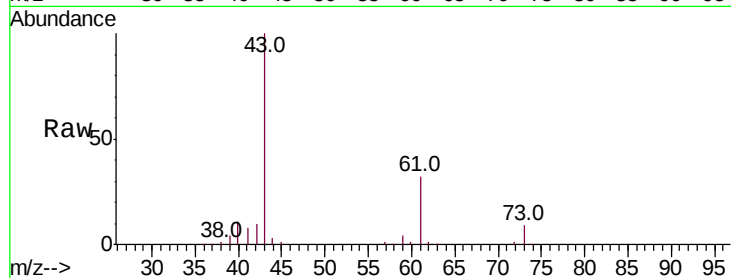




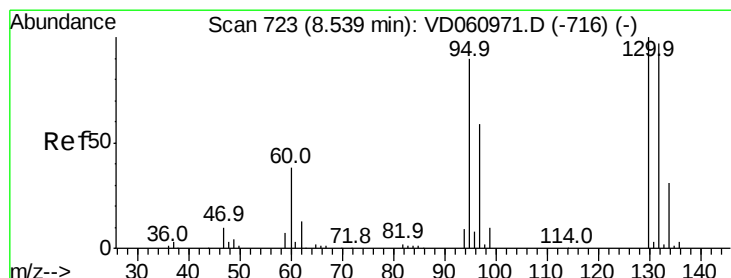
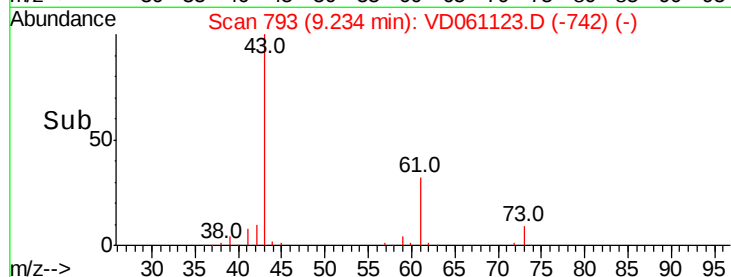
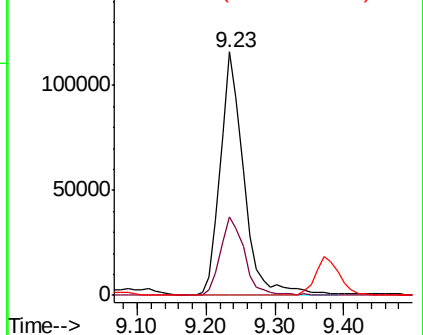
#43

Isopropyl Acetate
 Concen: 46.359 ug/l
 RT: 9.23 min Scan# 793
 Delta R.T. 0.01 min
 Lab File: VD061123.D
 Acq: 16 Mar 2019 22:58

Tot Ion	Ratio	Lower	Upper
43	100		
61	32.3	25.6	38.4
87	0.0	0.2	0.4



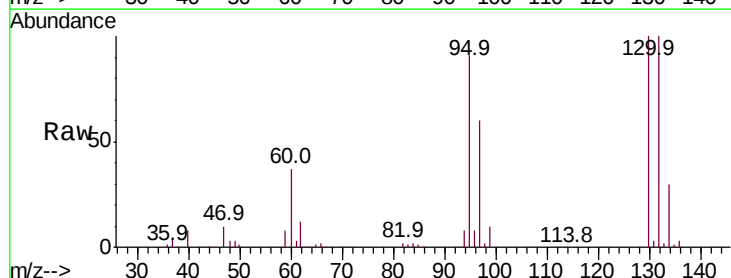
Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 87.00 (86.70 to 87.70): VDC



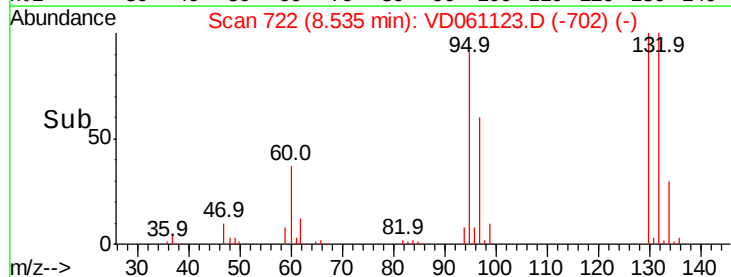
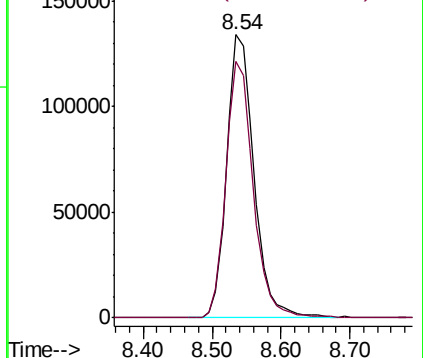
#44

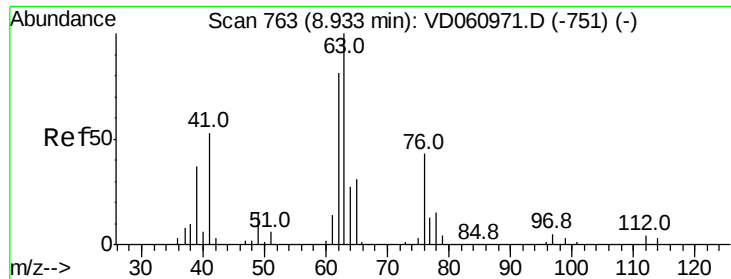
Trichloroethene
 Concen: 46.718 ug/l
 RT: 8.54 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: VD061123.D
 Acq: 16 Mar 2019 22:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.7	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: 46.978 ug/l

RT: 8.94 min Scan# 763

Delta R.T. 0.01 min

Lab File: VD061123.D

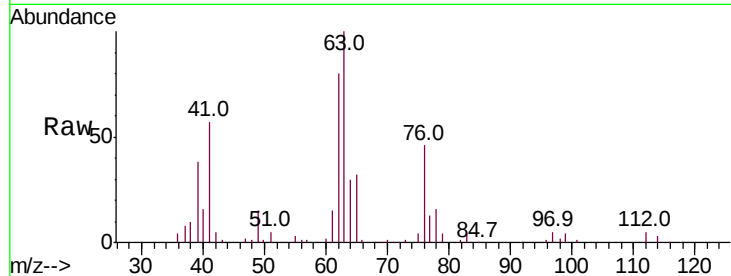
Acq: 16 Mar 2019 22:58

Tot Ion: 63 Resp: 282128

Ion Ratio Lower Upper

63 100

65 31.7 24.8 37.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.94

120000

100000

80000

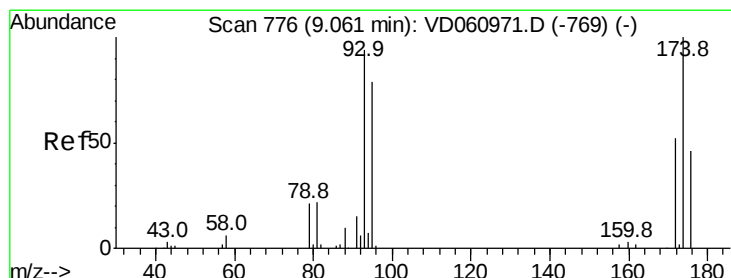
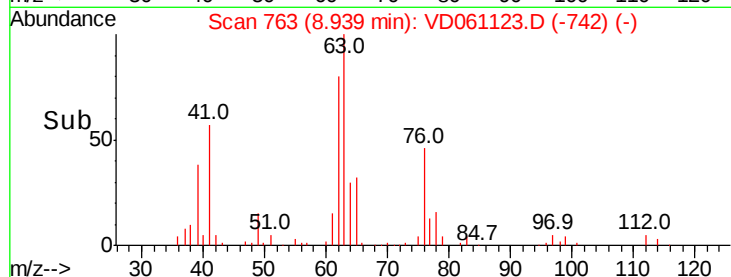
60000

40000

20000

0

Time--> 8.70 8.80 8.90 9.00 9.10



#46

Dibromomethane

Concen: 50.553 ug/l

RT: 9.07 min Scan# 776

Delta R.T. 0.01 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

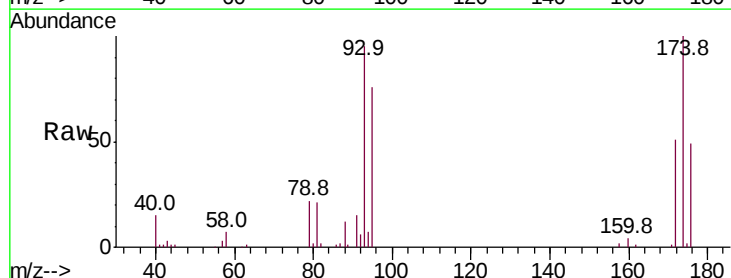
Tgt Ion: 93 Resp: 192578

Ion Ratio Lower Upper

93 100

95 80.2 67.4 101.0

174 105.1 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

100000

80000

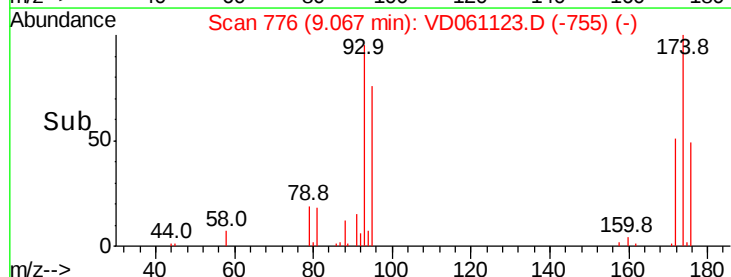
60000

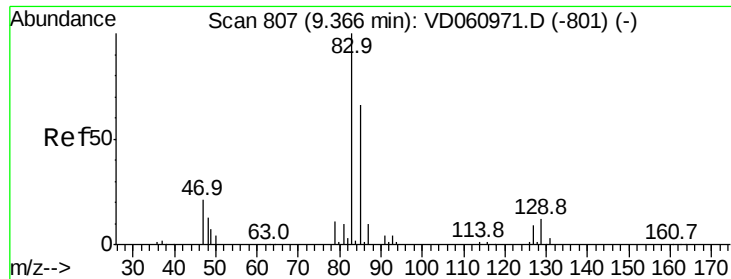
40000

20000

0

Time--> 8.90 9.00 9.10 9.20





#47

Bromodichloromethane

Concen: 50.794 ug/l

RT: 9.37 min Scan# 807

Delta R.T. 0.01 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

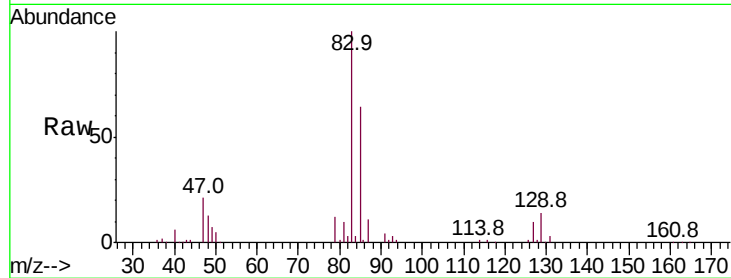
Tot Ion: 83 Resp: 436646

Ion Ratio Lower Upper

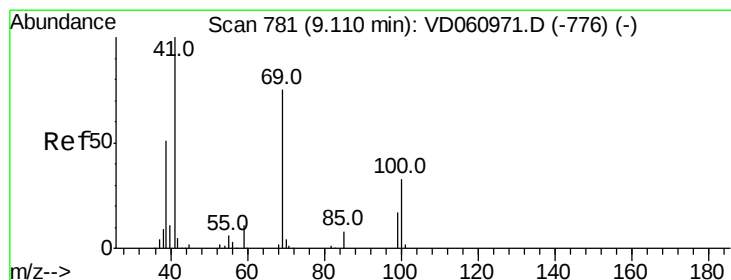
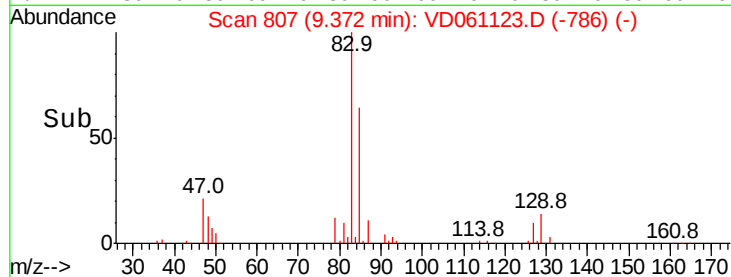
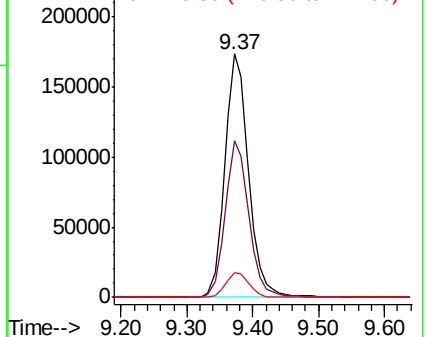
83 100

85 64.3 52.5 78.7

127 10.3 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: 53.138 ug/l

RT: 9.12 min Scan# 781

Delta R.T. 0.01 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

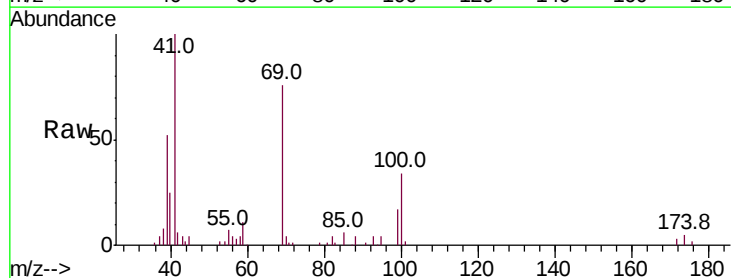
Tgt Ion: 41 Resp: 177890

Ion Ratio Lower Upper

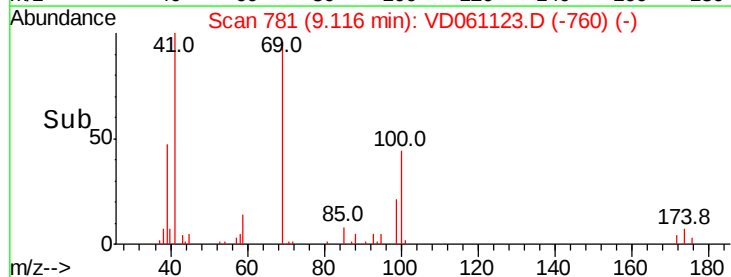
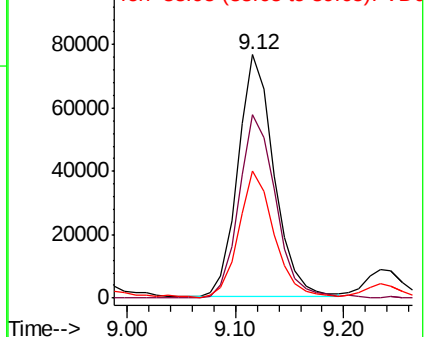
41 100

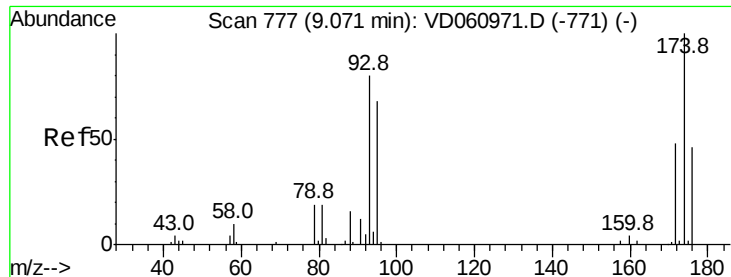
69 75.5 59.9 89.9

39 52.0 40.9 61.3



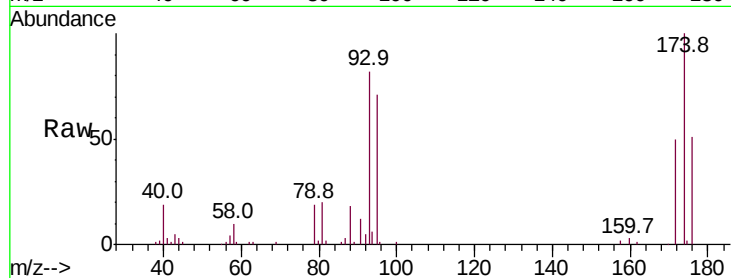
Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC



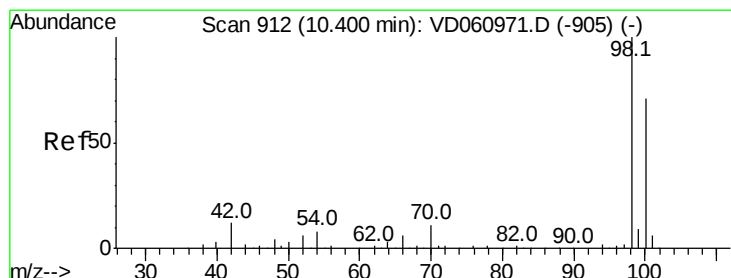
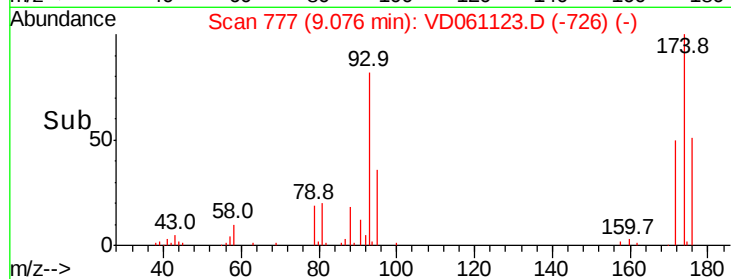
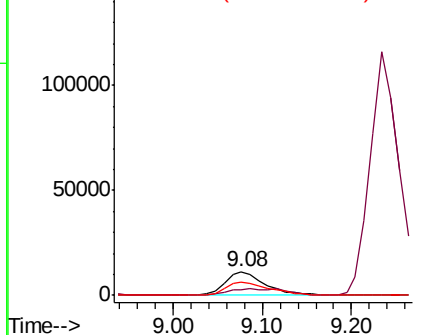


#49
 1,4-Dioxane
 Concen: 1008.148 ug/l
 RT: 9.08 min Scan# 777
 Delta R.T. 0.01 min
 Lab File: VD061123.D
 Acq: 16 Mar 2019 22:58

Tot Ion:	88	Resp:	34127
Ion	Ratio	Lower	Upper
88	100		
43	25.2	21.0	31.6
58	55.7	48.6	72.8

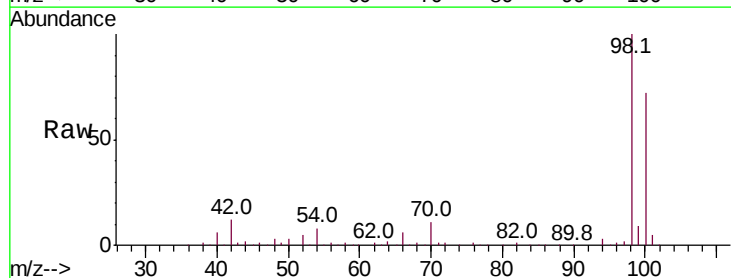


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.05 (42.75 to 43.75): VDC
 Ion 57.95 (57.65 to 58.65): VDC

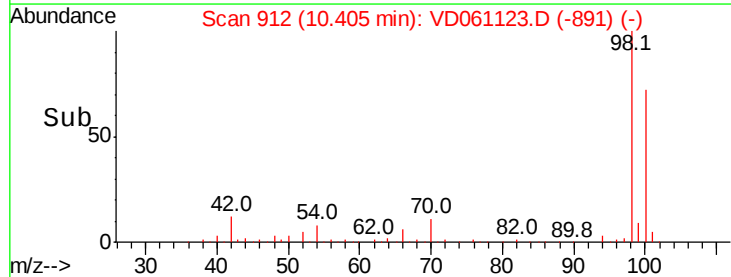
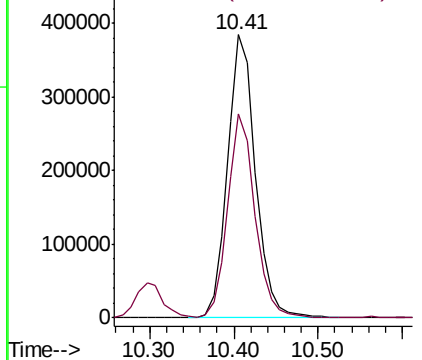


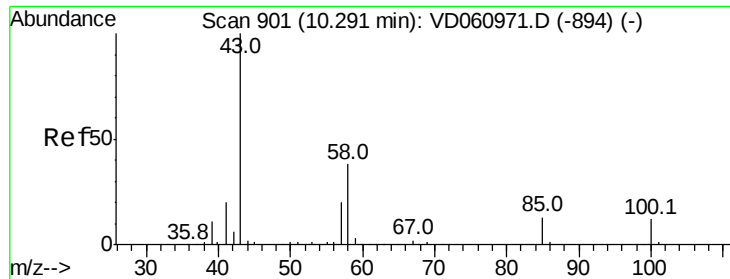
#50
 Toluene-d8
 Concen: 1008.148 ug/l
 RT: 10.41 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: VD061123.D
 Acq: 16 Mar 2019 22:58

Tgt Ion:	98	Resp:	884725
Ion	Ratio	Lower	Upper
98	100		
100	71.9	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: 247.980 ug/l

RT: 10.30 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD061123.D

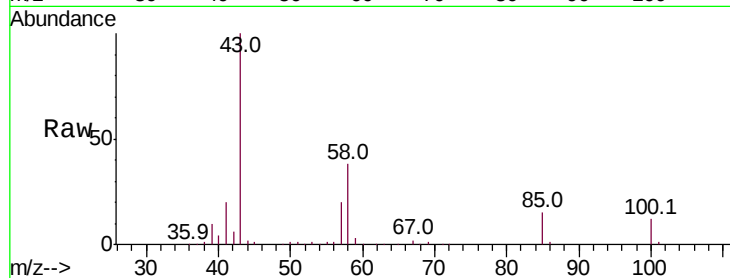
Acq: 16 Mar 2019 22:58

Tot Ion: 43 Resp: 903278

Ion Ratio Lower Upper

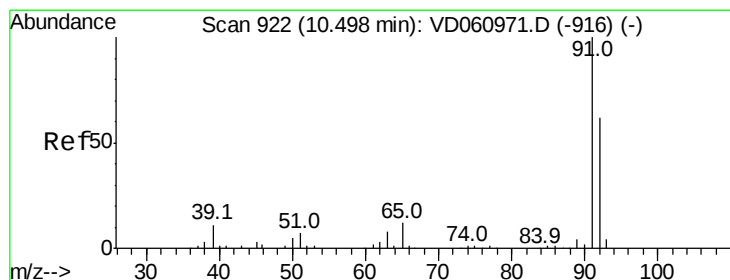
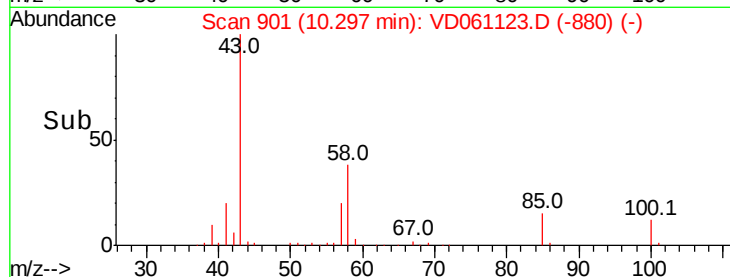
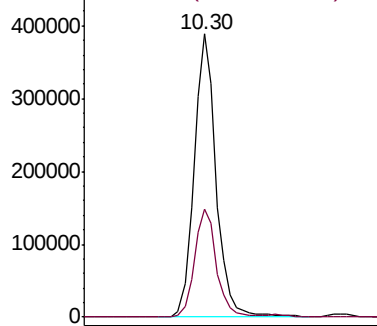
43 100

58 38.3 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: 44.359 ug/l

RT: 10.50 min Scan# 922

Delta R.T. 0.01 min

Lab File: VD061123.D

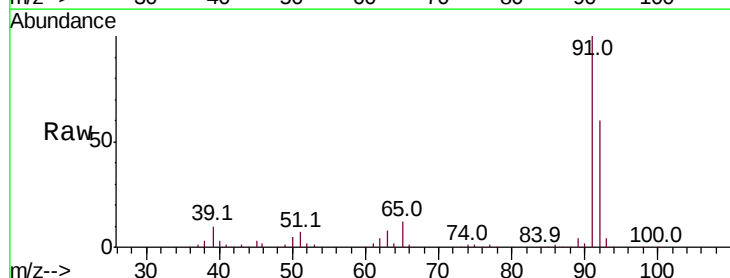
Acq: 16 Mar 2019 22:58

Tgt Ion: 92 Resp: 630540

Ion Ratio Lower Upper

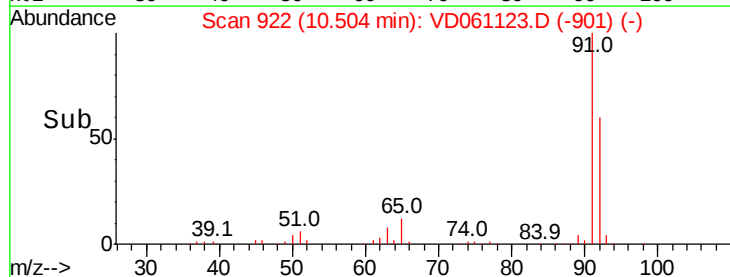
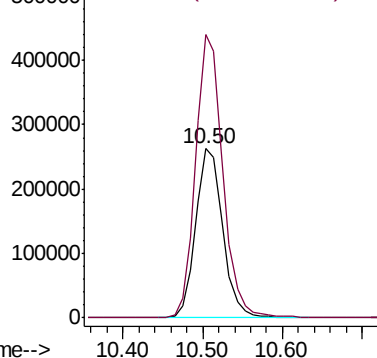
92 100

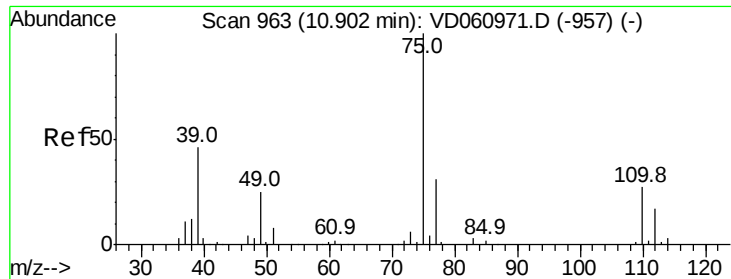
91 167.6 129.8 194.8



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: 49.889 ug/l

RT: 10.92 min Scan# 964

Delta R.T. 0.02 min

Lab File: VD061123.D

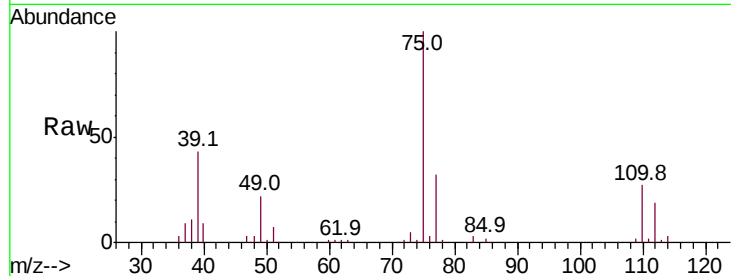
Acq: 16 Mar 2019 22:58

Tot Ion: 75 Resp: 392149

Ion Ratio Lower Upper

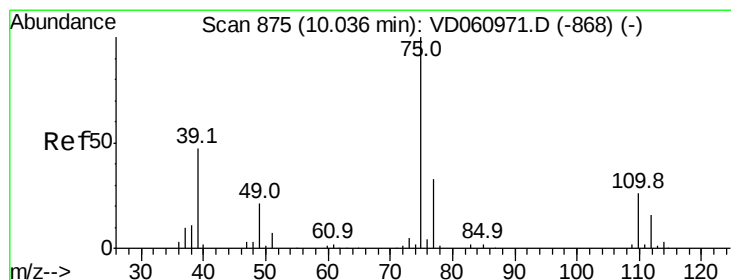
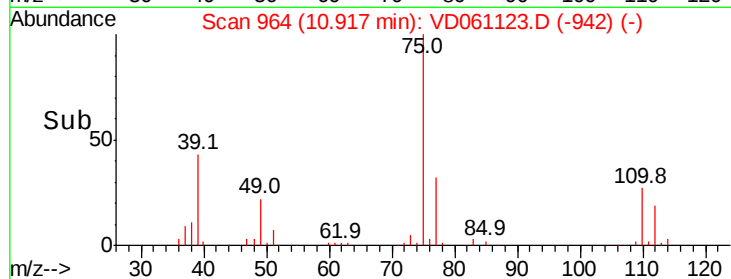
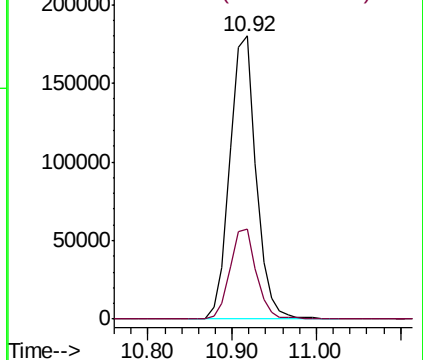
75 100

77 31.9 24.7 37.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 50.550 ug/l

RT: 10.04 min Scan# 875

Delta R.T. 0.01 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

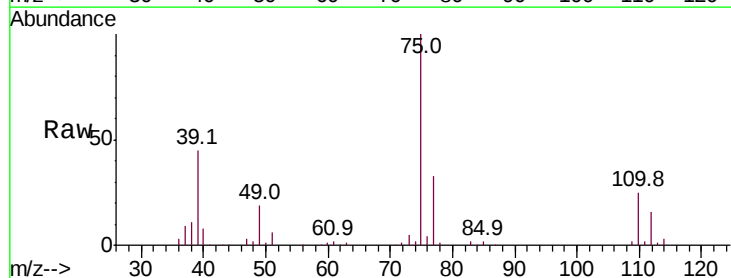
Tgt Ion: 75 Resp: 477420

Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.4

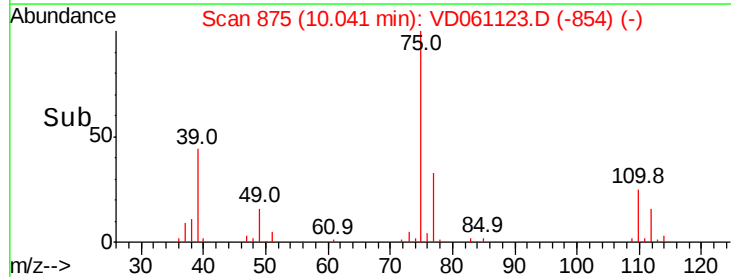
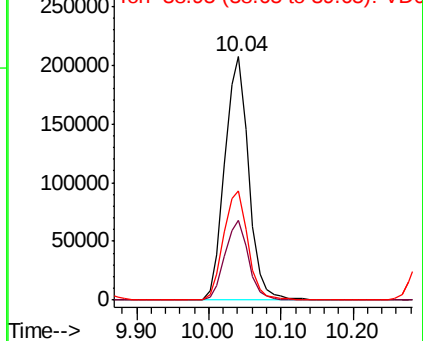
39 44.9 37.8 56.8

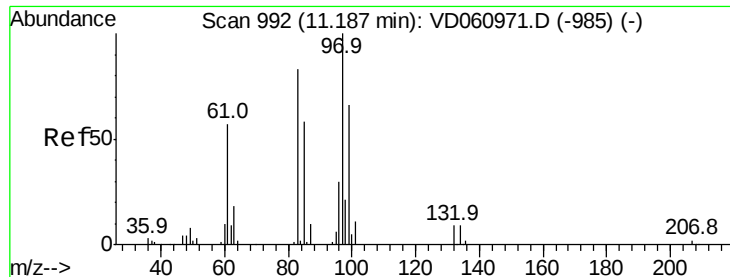


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC





#55

1,1,2-Trichloroethane

Concen: 50.404 ug/l

RT: 11.19 min Scan# 992

Delta R.T. 0.01 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

Tot Ion: 97 Resp: 238597

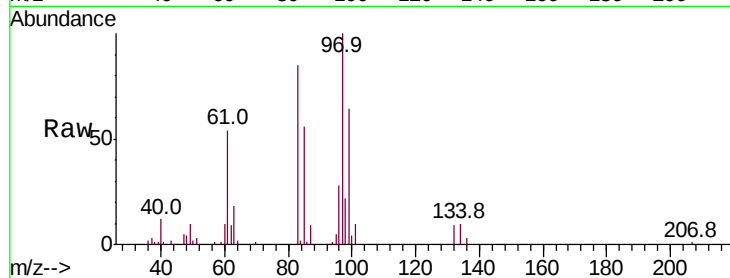
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.6	100.0
85	56.1	46.4	69.6
99	63.7	52.4	78.6

97 100

83 84.7 66.6 100.0

85 56.1 46.4 69.6

99 63.7 52.4 78.6

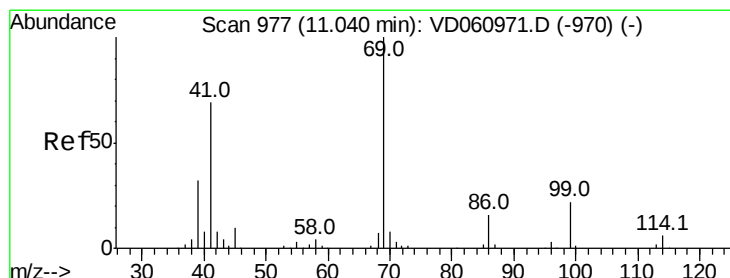
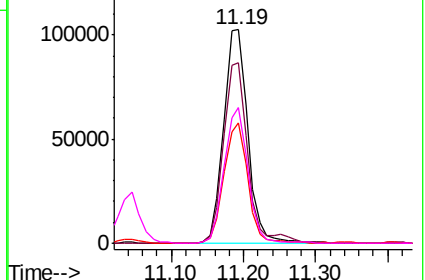
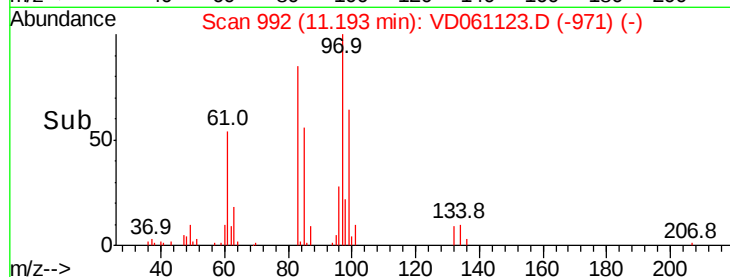


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 45.748 ug/l

RT: 11.05 min Scan# 977

Delta R.T. 0.01 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

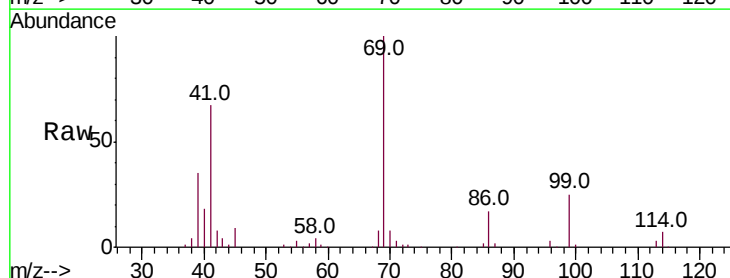
Tgt Ion: 69 Resp: 226674

Ion	Ratio	Lower	Upper
69	100		
41	67.3	55.5	83.3
39	35.1	26.2	39.2

69 100

41 67.3 55.5 83.3

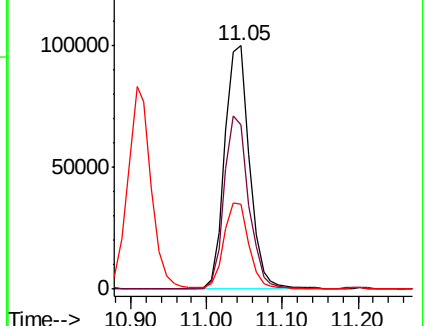
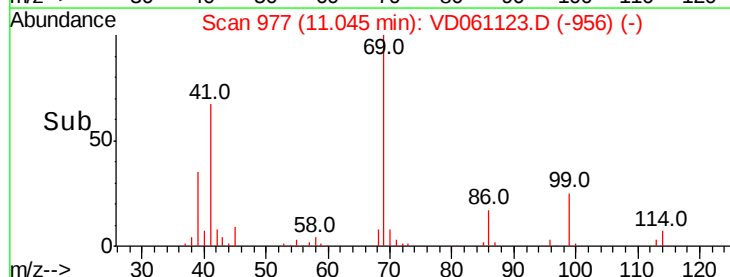
39 35.1 26.2 39.2

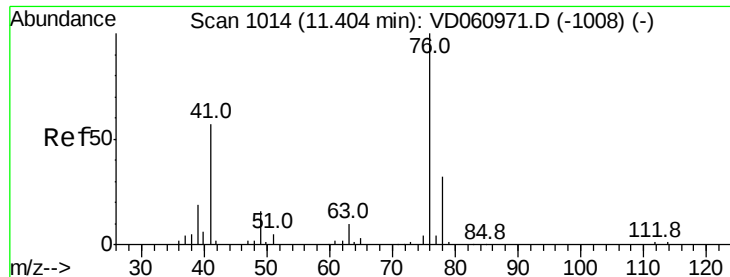


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 51.304 ug/l

RT: 11.41 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VD061123.D

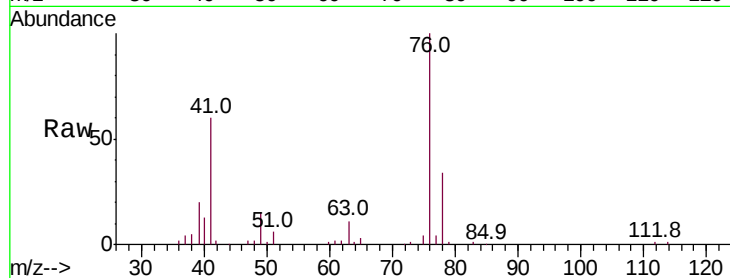
Acq: 16 Mar 2019 22:58

Tot Ion: 76 Resp: 362927

Ion Ratio Lower Upper

76 100

78 33.8 25.4 38.0



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

11.41

150000

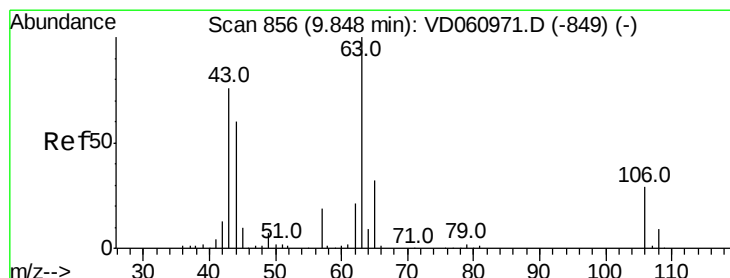
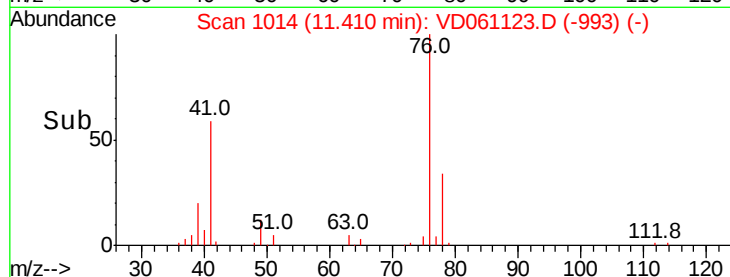
100000

50000

0

Time-->

11.30 11.40 11.50 11.60



#58

2-Chloroethyl Vinyl ether

Concen: 243.779 ug/l

RT: 9.85 min Scan# 856

Delta R.T. 0.01 min

Lab File: VD061123.D

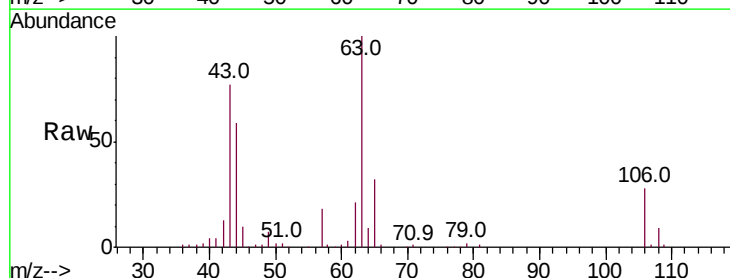
Acq: 16 Mar 2019 22:58

Tgt Ion: 63 Resp: 639359

Ion Ratio Lower Upper

63 100

106 27.5 22.8 34.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

9.85

300000

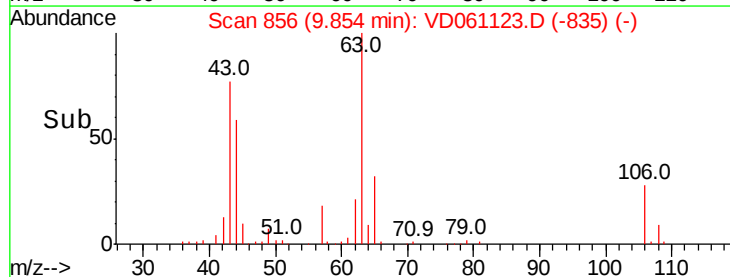
200000

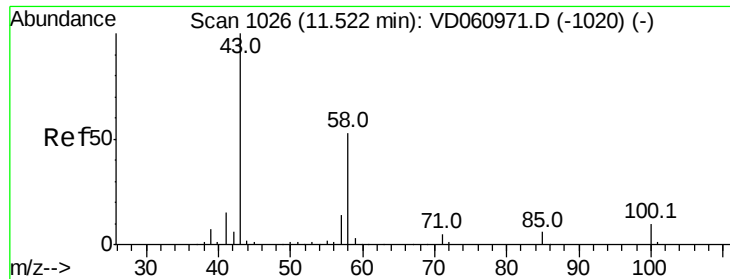
100000

0

Time-->

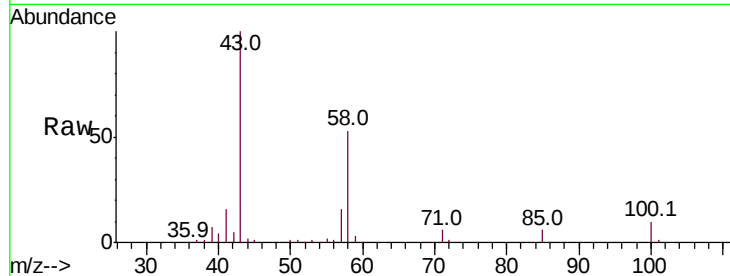
9.70 9.80 9.90 10.00



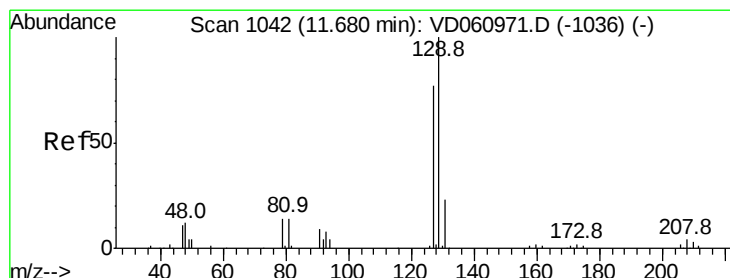
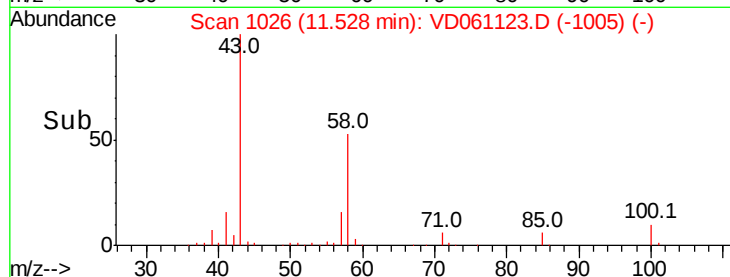
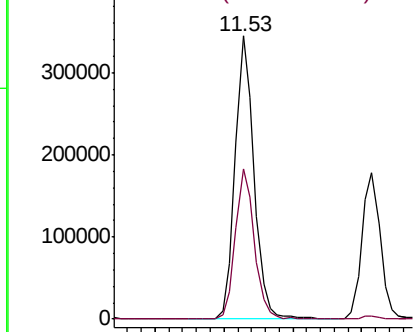


#59
2-Hexanone
Concen: 246.438 ug/l
RT: 11.53 min Scan# 1026
Delta R.T. 0.01 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

Tot Ion: 43 Resp: 656634
Ion Ratio Lower Upper
43 100
58 53.1 26.5 79.5

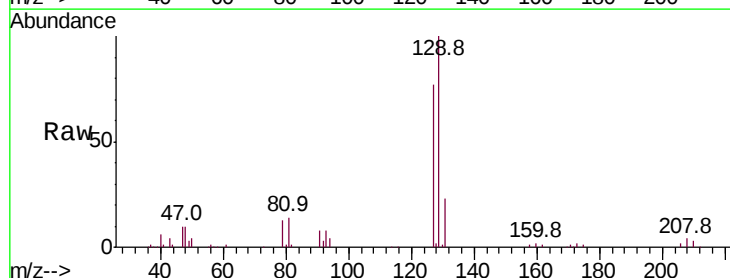


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

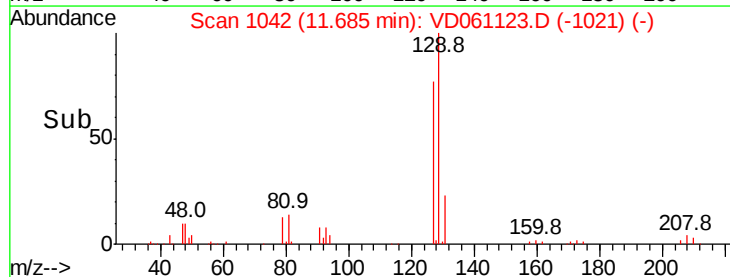
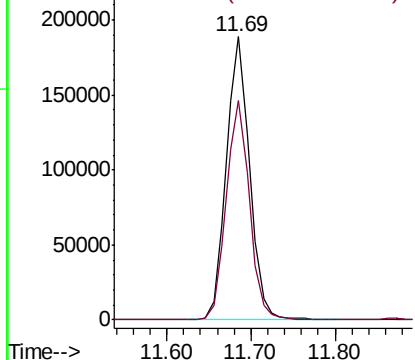


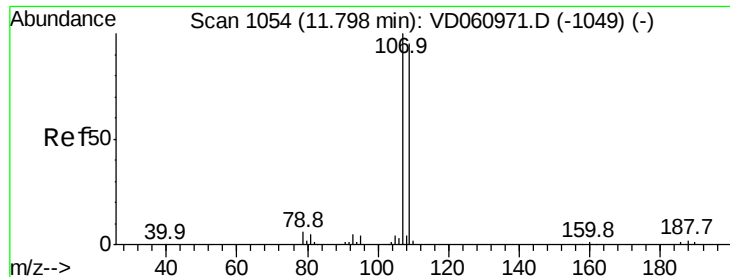
#60
Dibromochloromethane
Concen: 52.125 ug/l
RT: 11.69 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

Tgt Ion: 129 Resp: 363134
Ion Ratio Lower Upper
129 100
127 77.3 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: 50.909 ug/l

RT: 11.80 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VD061123.D

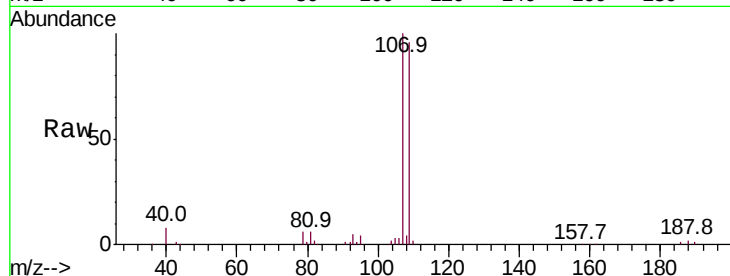
Acq: 16 Mar 2019 22:58

Tot Ion: 107 Resp: 280337

Ion Ratio Lower Upper

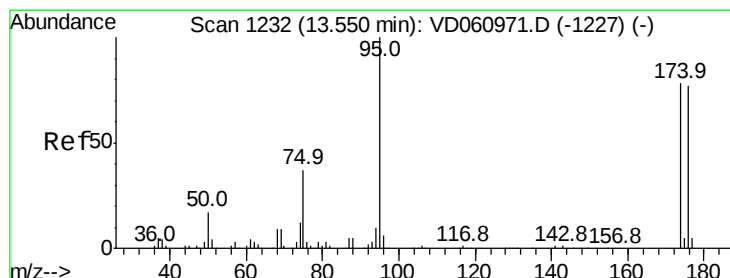
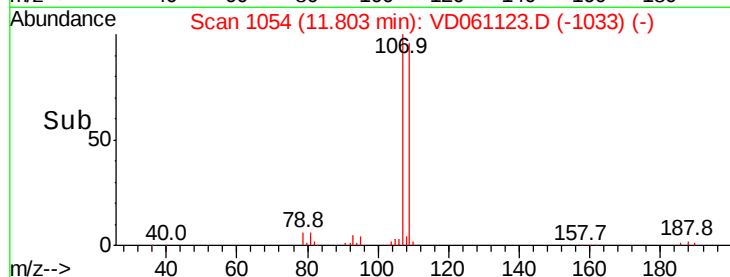
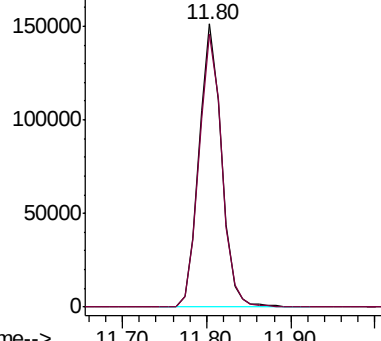
107 100

109 96.4 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 50.909 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

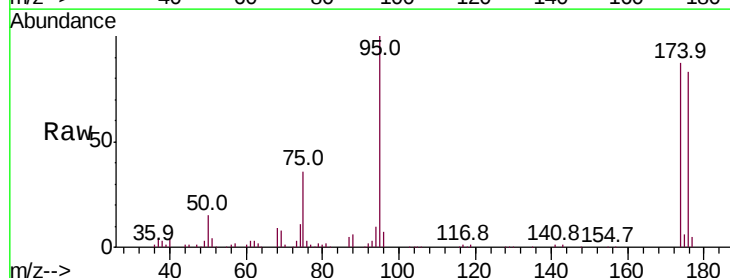
Tgt Ion: 95 Resp: 344160

Ion Ratio Lower Upper

95 100

174 86.9 0.0 155.6

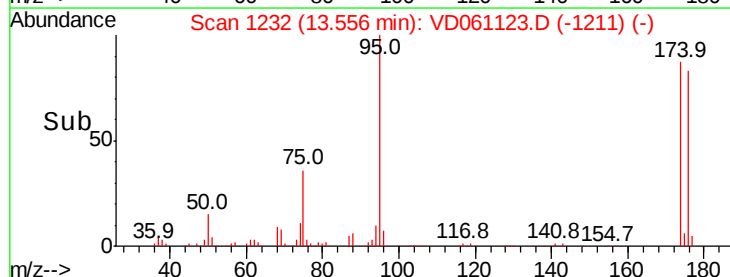
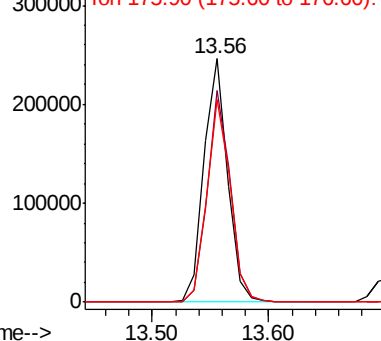
176 83.4 0.0 153.8

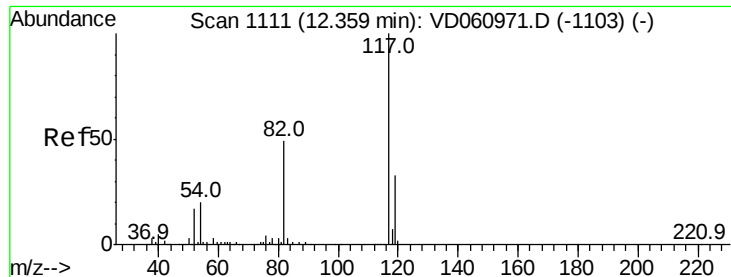


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

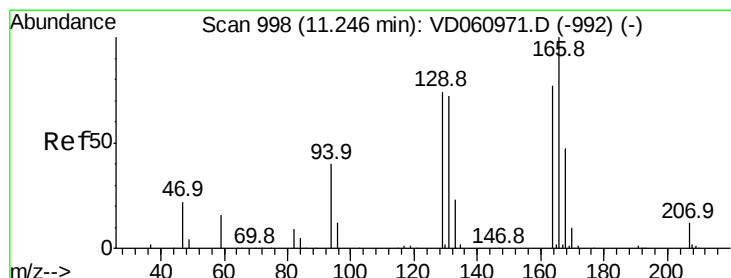
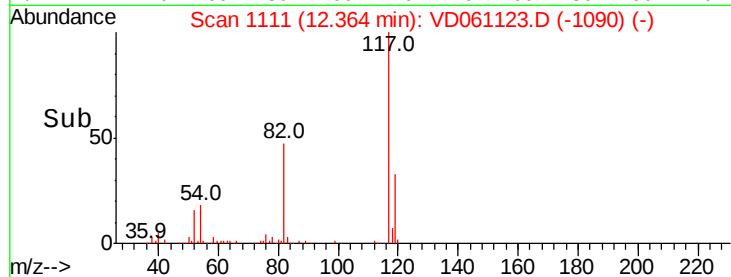
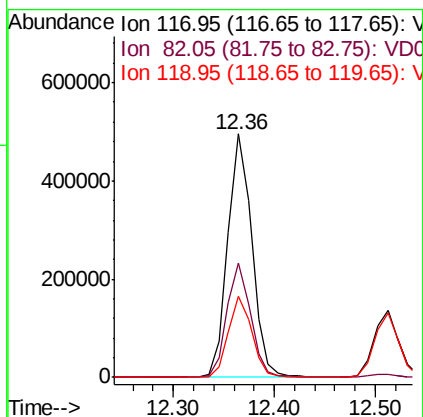
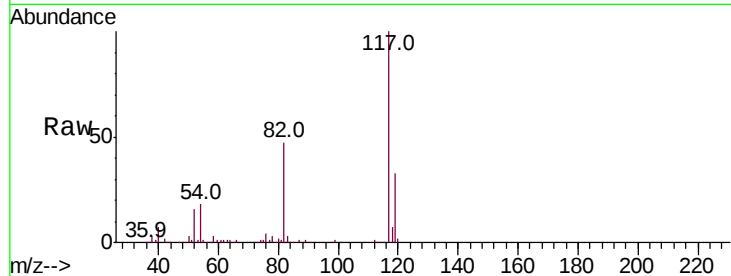
Ion 175.90 (175.60 to 176.60): V





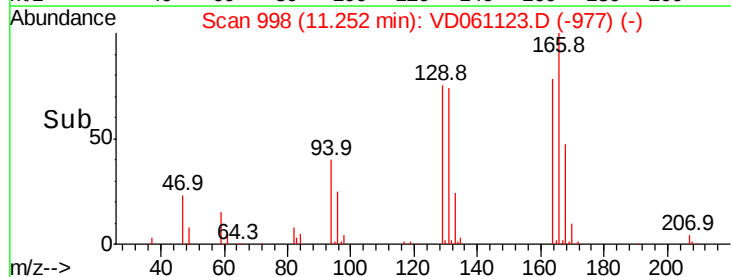
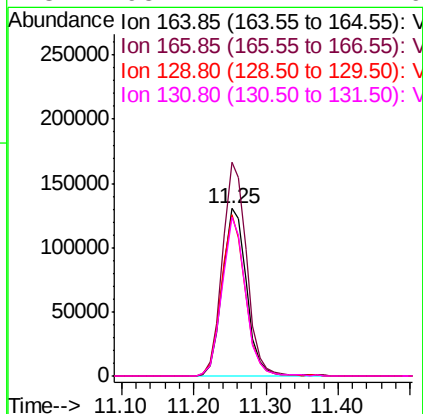
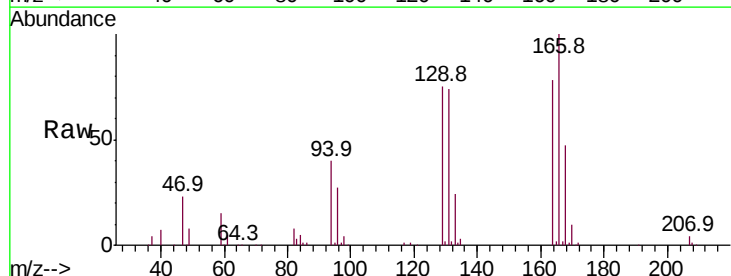
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

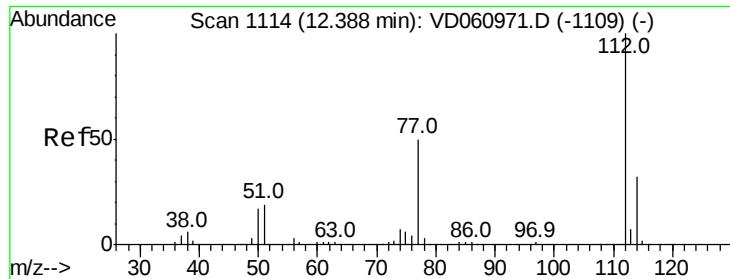
Tot Ion	Ratio	Lower	Upper
117	100		
82	47.2	38.9	58.3
119	33.5	26.6	39.8



#64
Tetrachloroethene
Concen: 54.044 ug/l
RT: 11.25 min Scan# 998
Delta R.T. 0.01 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

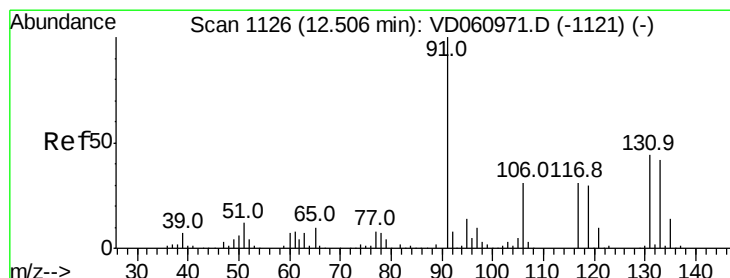
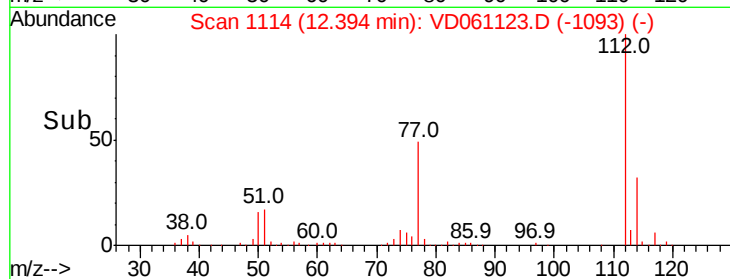
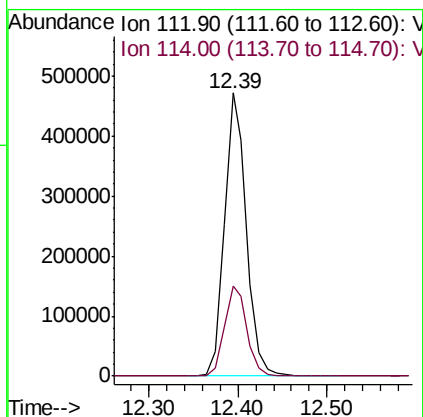
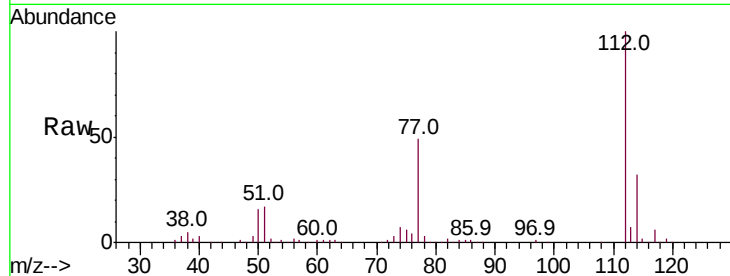
Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	103.4	155.0
129	96.2	76.9	115.3
131	95.1	74.4	111.6





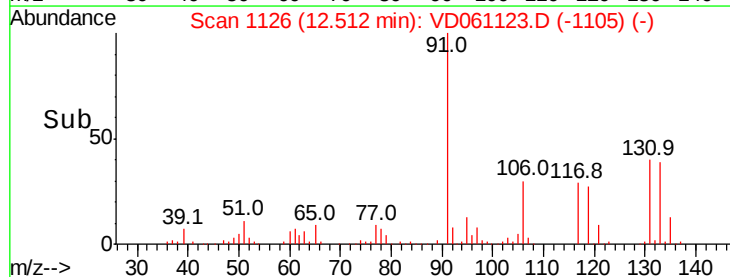
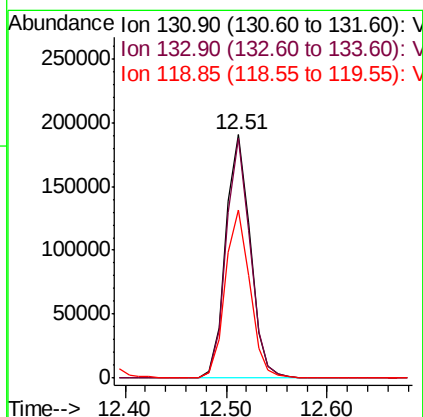
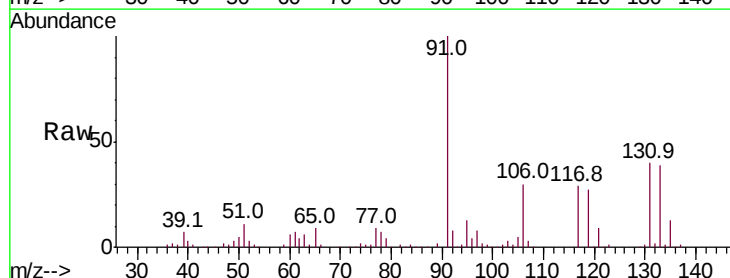
#65
Chlorobenzene
Concen: 50.394 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

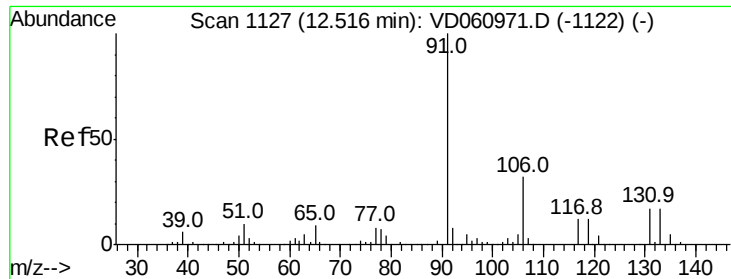
Tot Ion:112 Resp: 815078
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 56.083 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. 0.01 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

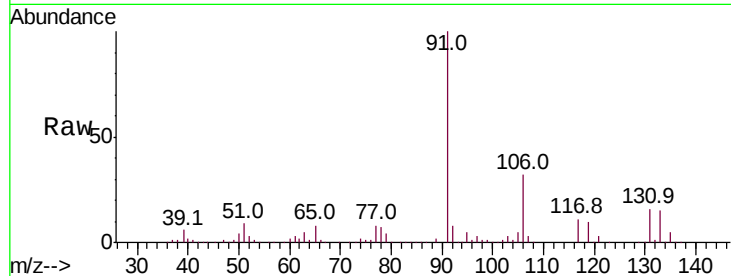
Tgt Ion:131 Resp: 323338
Ion Ratio Lower Upper
131 100
133 98.7 47.8 143.3
119 69.0 34.3 102.9



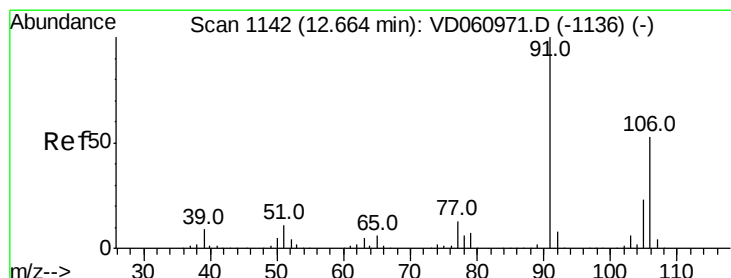
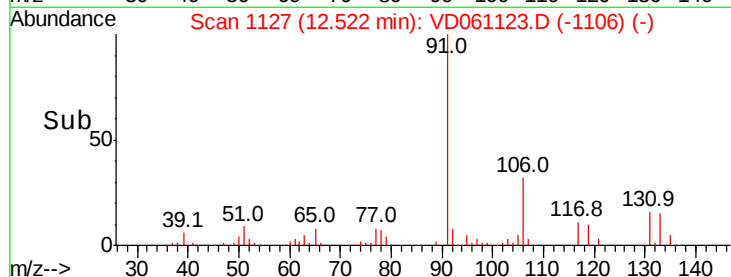
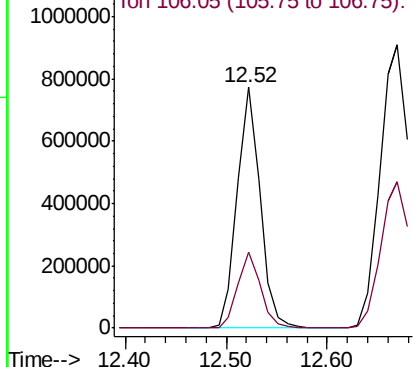


#67
Ethyl Benzene
Concen: 50.831 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.01 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

Tot Ion: 91 Resp: 1223979
Ion Ratio Lower Upper
91 100
106 31.7 25.7 38.5

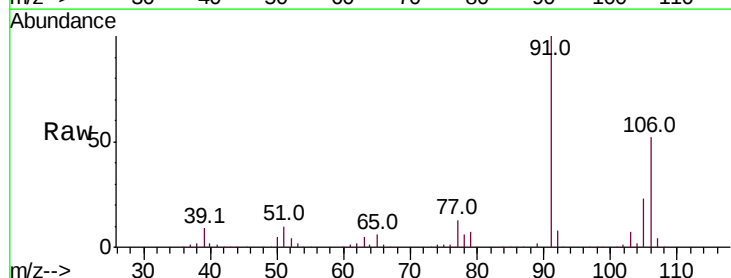


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

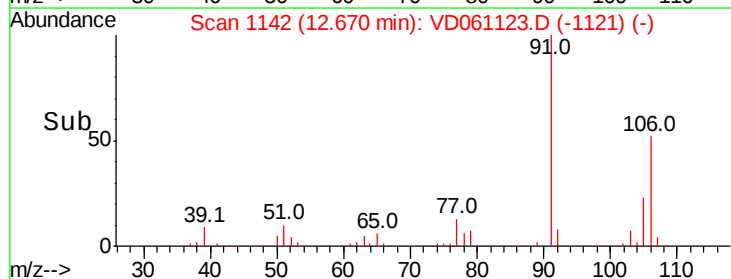
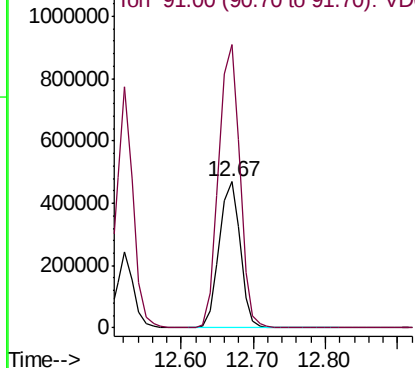


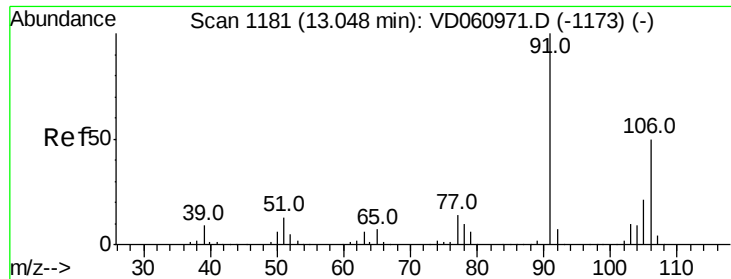
#68
m/p-Xylenes
Concen: 100.289 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

Tgt Ion:106 Resp: 947827
Ion Ratio Lower Upper
106 100
91 193.6 152.0 228.0



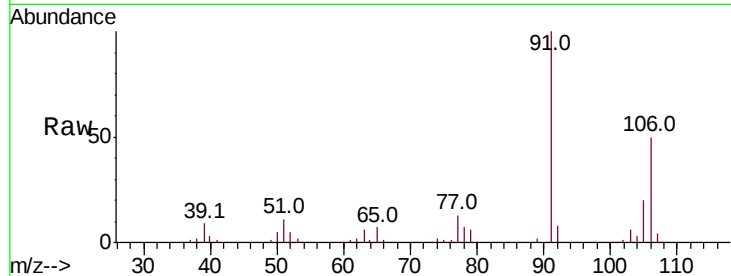
Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC



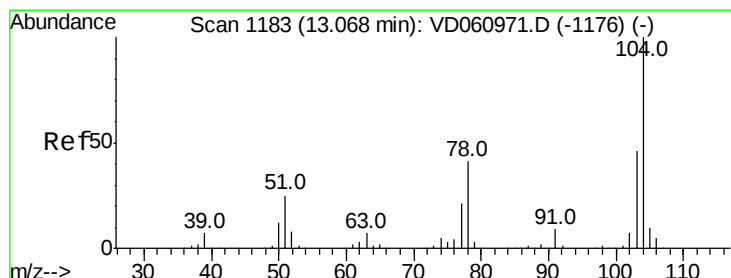
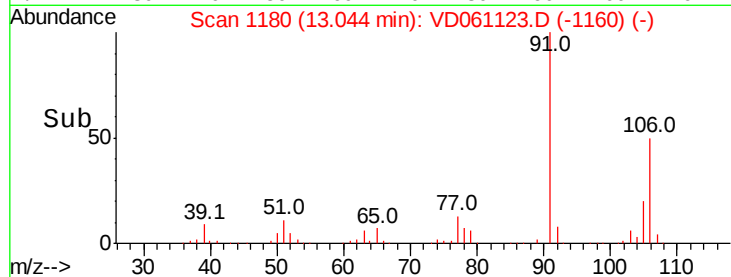
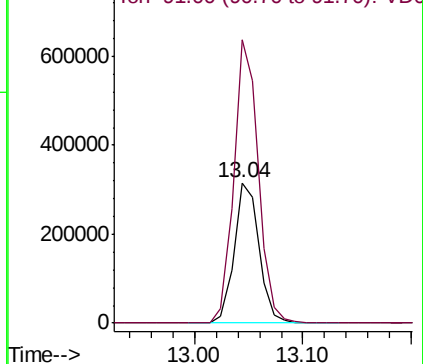


#69
o-Xylene
Concen: 54.205 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

Tot Ion:106 Resp: 503561
Ion Ratio Lower Upper
106 100
91 201.9 99.8 299.3

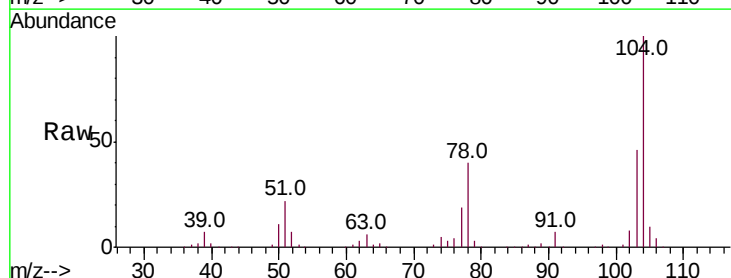


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

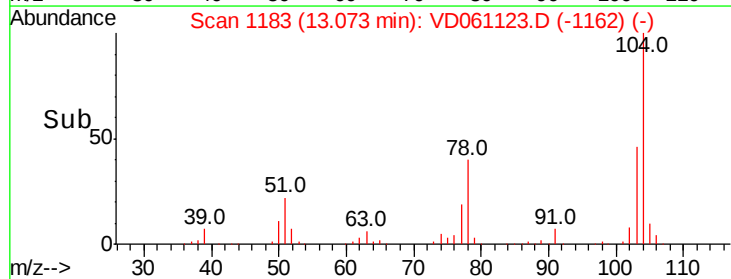
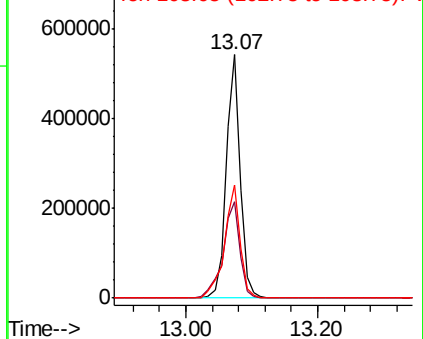


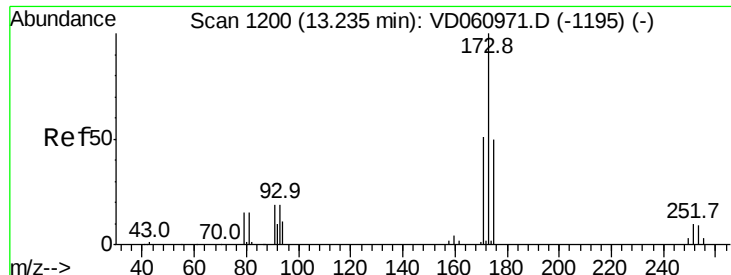
#70
Styrene
Concen: 52.730 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. 0.01 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

Tgt Ion:104 Resp: 799901
Ion Ratio Lower Upper
104 100
78 39.7 33.0 49.4
103 46.3 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: 57.812 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

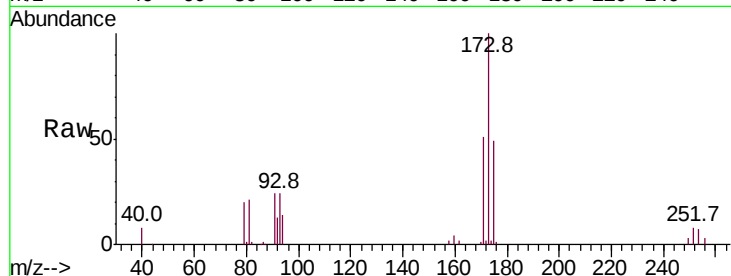
Tot Ion:173 Resp: 215017

Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.9	74.8
254	7.2	7.3	10.9#

173 100

175 49.1 24.9 74.8

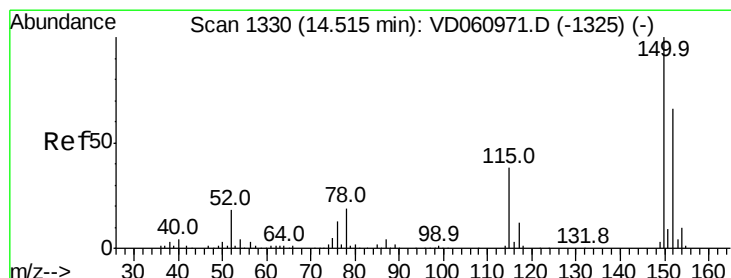
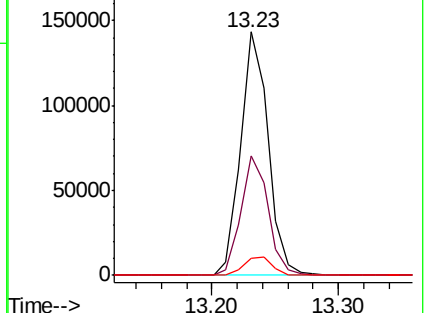
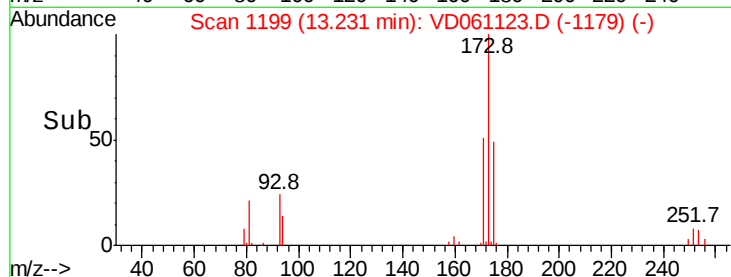
254 7.2 7.3 10.9#



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: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

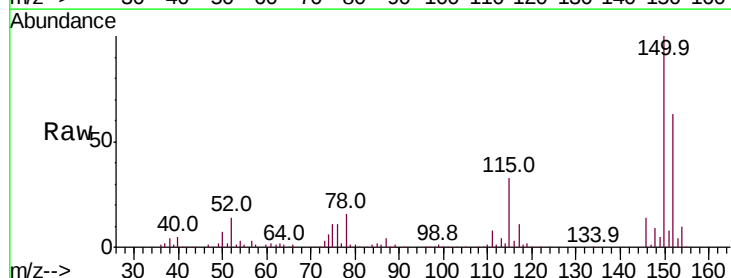
Tgt Ion:152 Resp: 361941

Ion	Ratio	Lower	Upper
152	100		
115	52.5	28.6	85.9
150	159.8	0.0	310.6

152 100

115 52.5 28.6 85.9

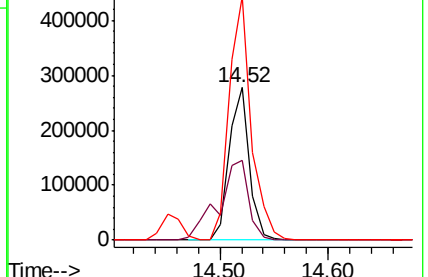
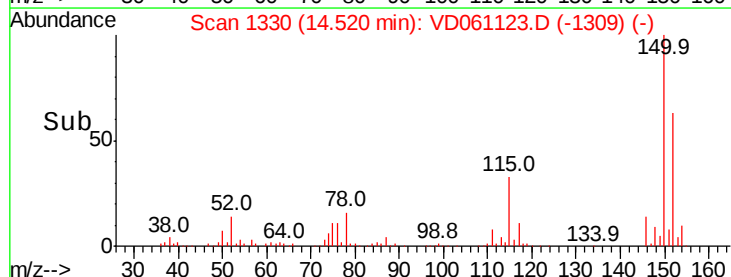
150 159.8 0.0 310.6

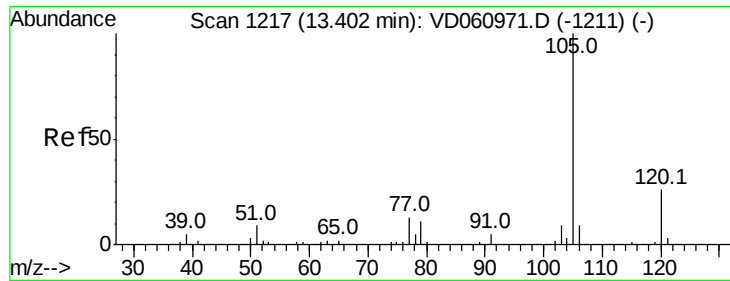


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

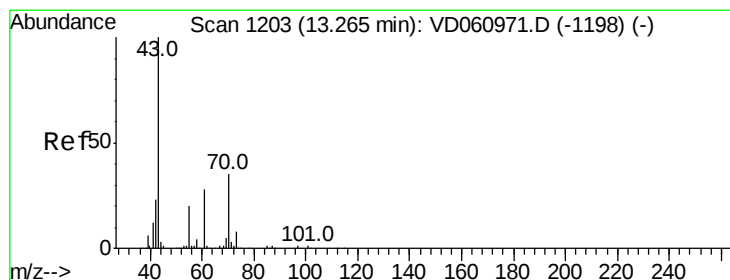
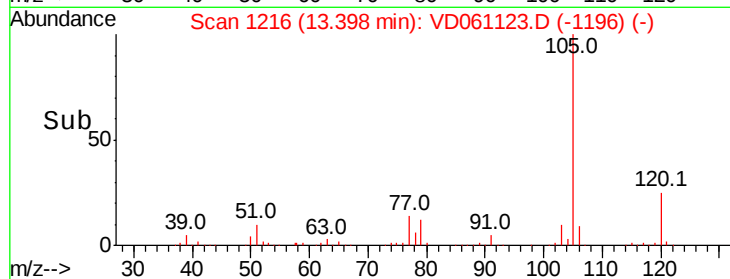
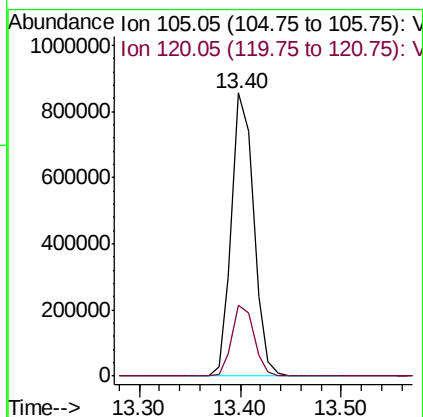
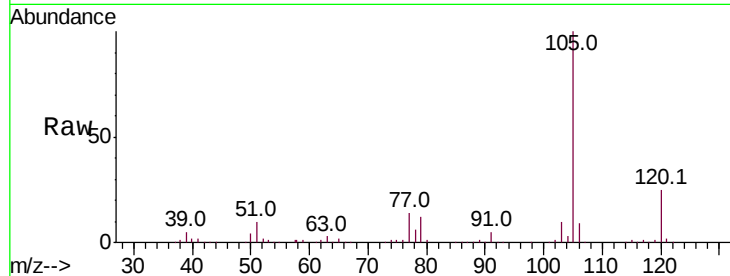
Ion 149.90 (149.60 to 150.60): V





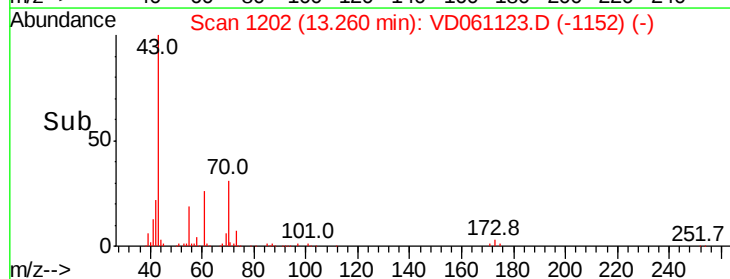
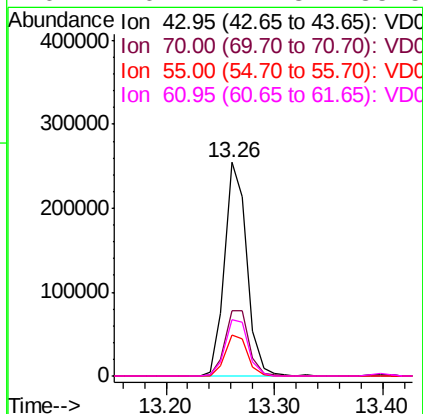
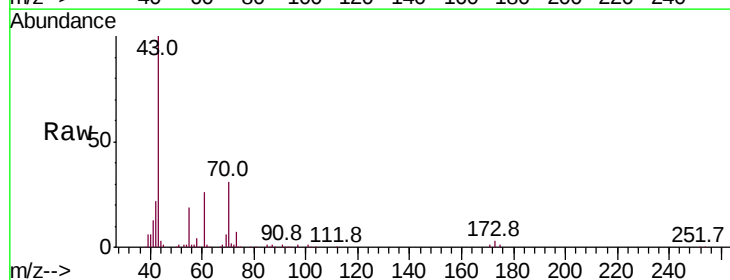
#73
Isopropylbenzene
Concen: 50.344 ug/l
RT: 13.40 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

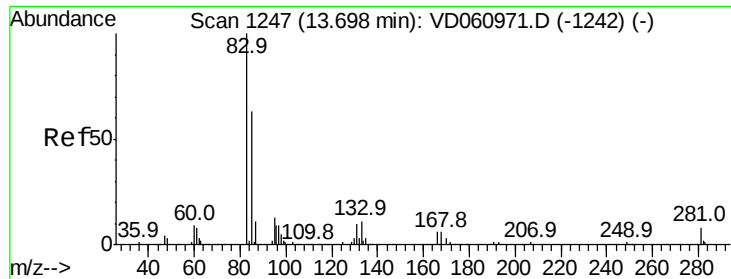
Tot Ion:105 Resp: 1313183
Ion Ratio Lower Upper
105 100
120 25.1 12.8 38.4



#74
N-ethyl acetate
Concen: 49.580 ug/l
RT: 13.26 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

Tgt Ion: 43 Resp: 364156
Ion Ratio Lower Upper
43 100
70 30.6 27.7 41.5
55 19.4 16.2 24.2
61 26.2 22.3 33.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.877 ug/l

RT: 13.70 min Scan# 1247

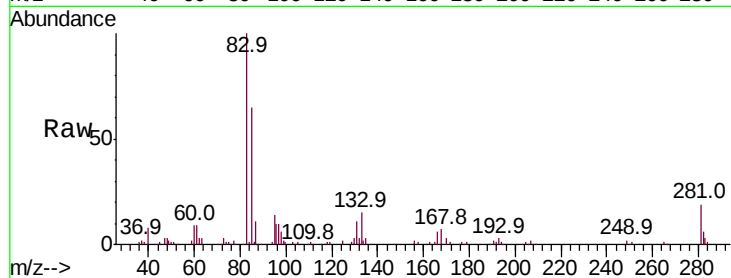
Delta R.T. 0.01 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

Tot Ion: 83 Resp: 258926

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.1	15.3
85	64.7	31.5	94.5



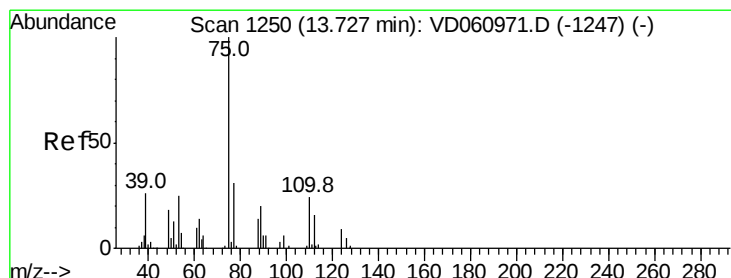
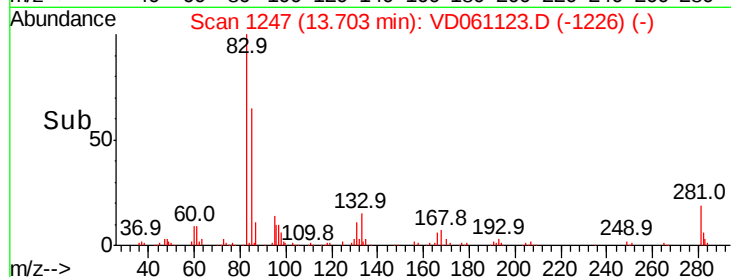
Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC

13.70

Time--> 13.60 13.70 13.80



#76

1,2,3-Trichloropropane

Concen: 52.512 ug/l

RT: 13.73 min Scan# 1250

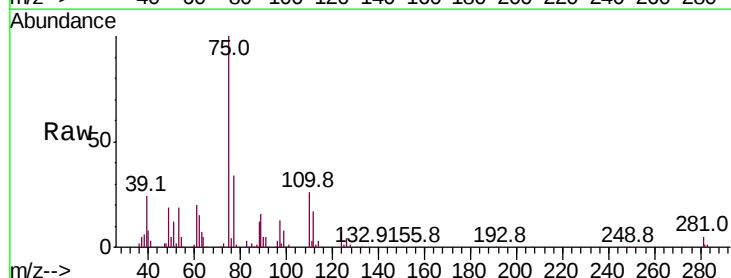
Delta R.T. 0.01 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

Tgt Ion: 75 Resp: 273440

Ion	Ratio	Lower	Upper
75	100		
77	33.8	16.6	49.7

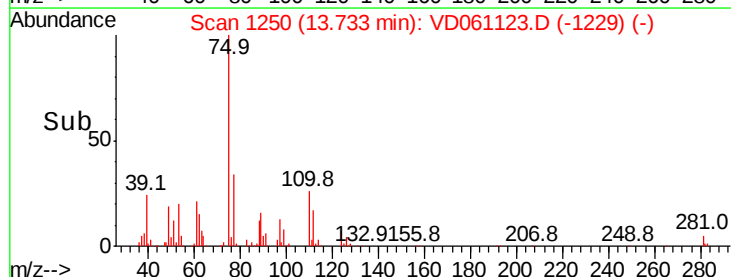


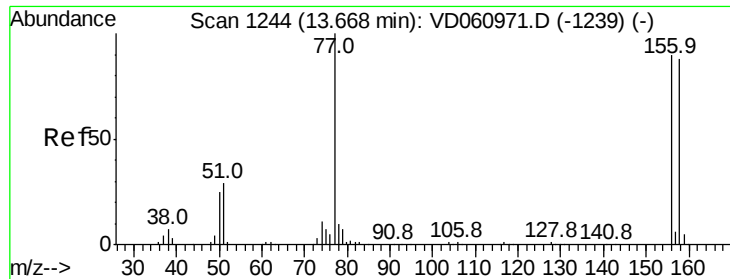
Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

13.73

Time--> 13.70 13.80





#77

Bromobenzene

Concen: 52.548 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

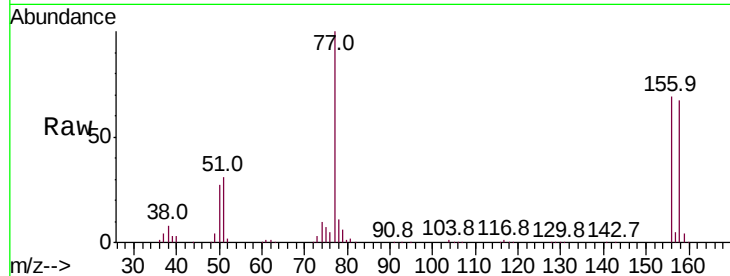
Tot Ion:156 Resp: 349891

Ion Ratio Lower Upper

156 100

77 144.8 55.5 166.7

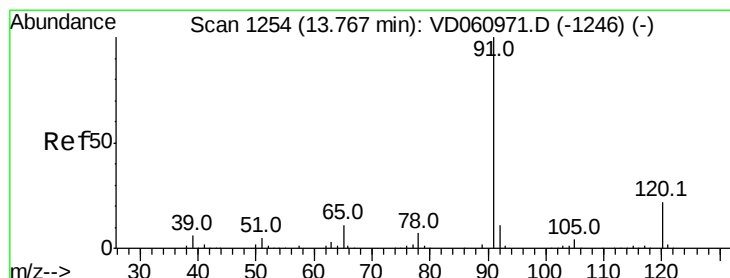
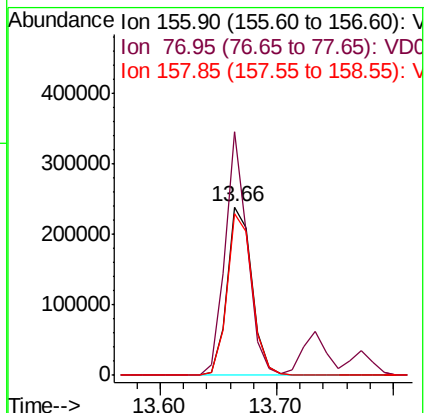
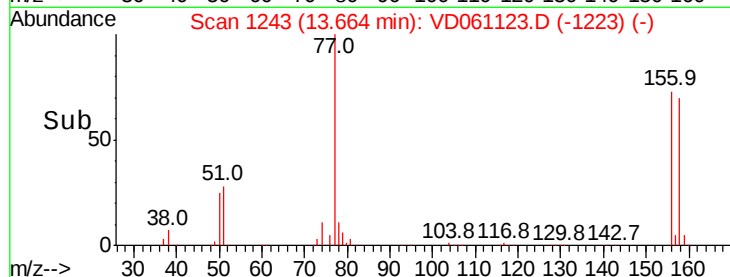
158 96.3 49.0 147.0



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: 42.986 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.01 min

Lab File: VD061123.D

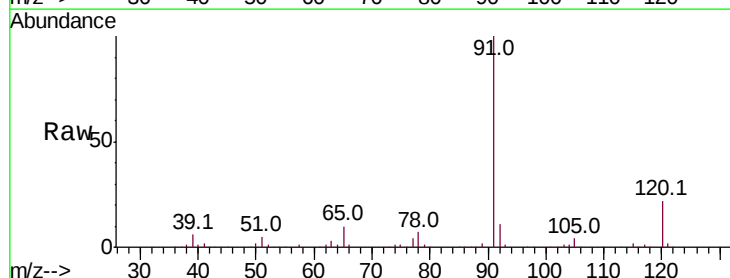
Acq: 16 Mar 2019 22:58

Tgt Ion: 91 Resp: 1312645

Ion Ratio Lower Upper

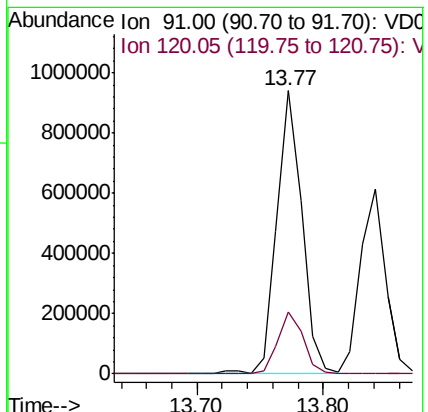
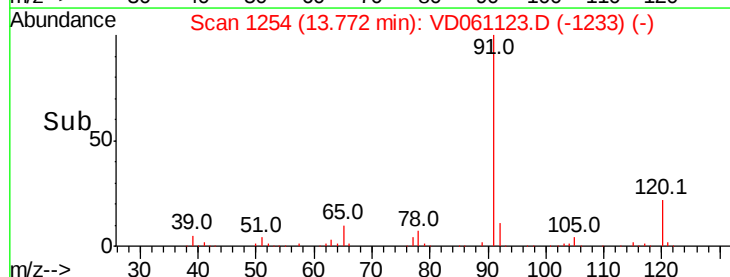
91 100

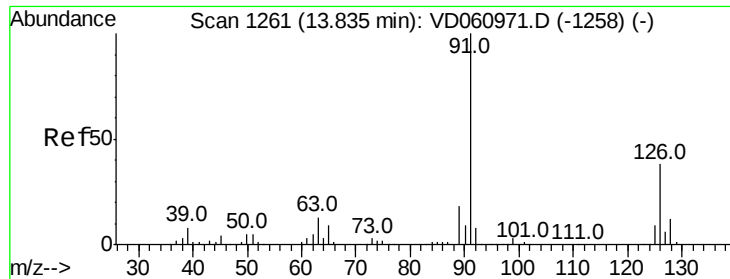
120 21.9 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 50.378 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. 0.01 min

Lab File: VD061123.D

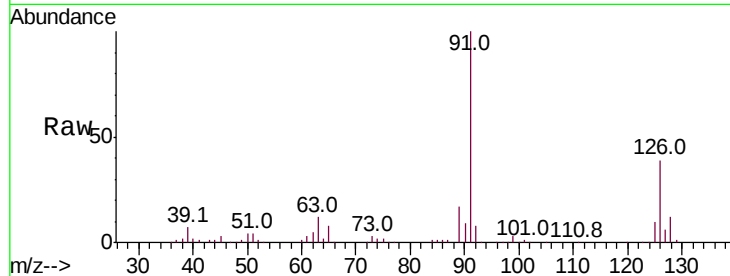
Acq: 16 Mar 2019 22:58

Tot Ion: 91 Resp: 846937

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) (-)

1000000

800000

600000

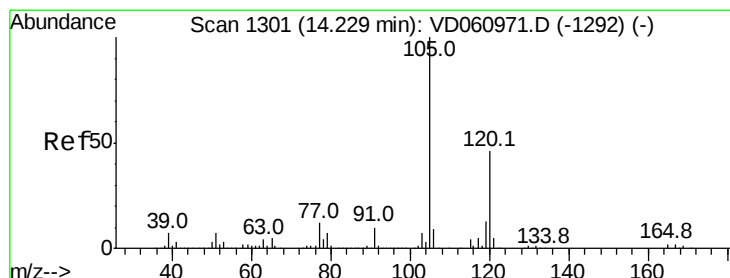
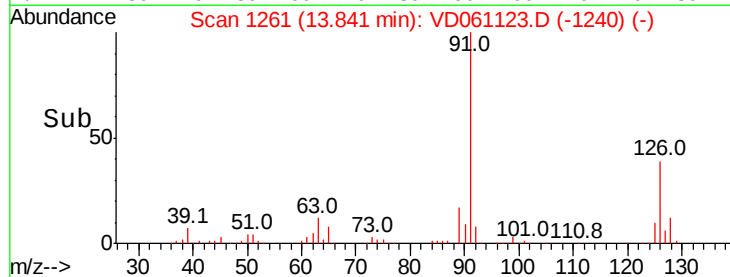
400000

200000

0

13.80 13.85 13.90

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.477 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. 0.01 min

Lab File: VD061123.D

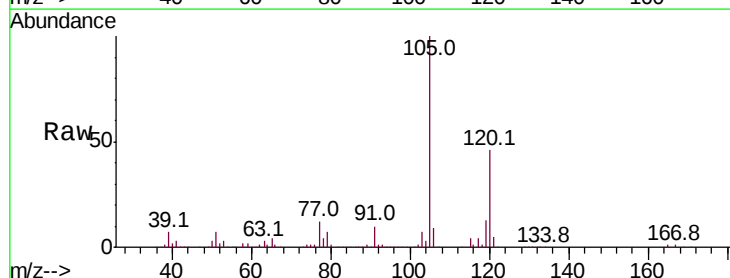
Acq: 16 Mar 2019 22:58

Tgt Ion: 105 Resp: 1019356

Ion Ratio Lower Upper

105 100

120 45.8 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

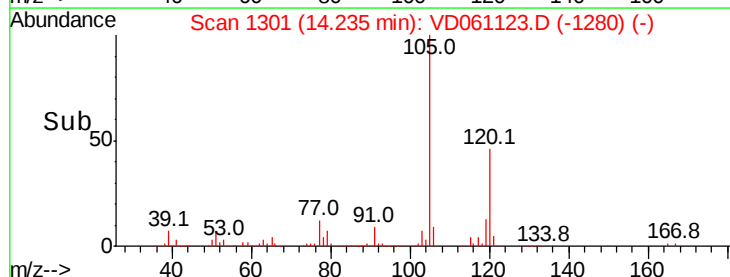
400000

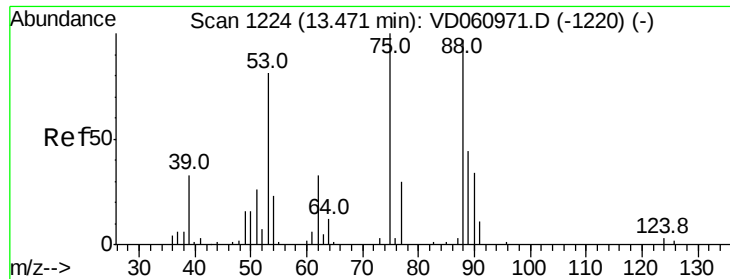
200000

0

14.10 14.20 14.30

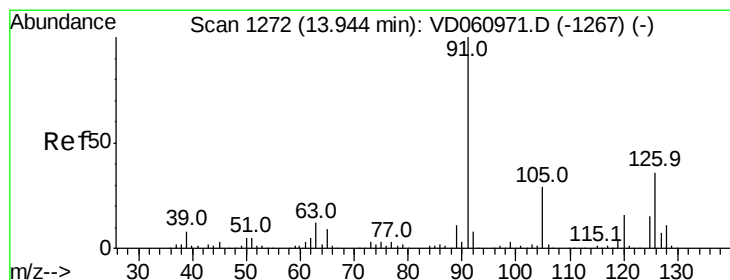
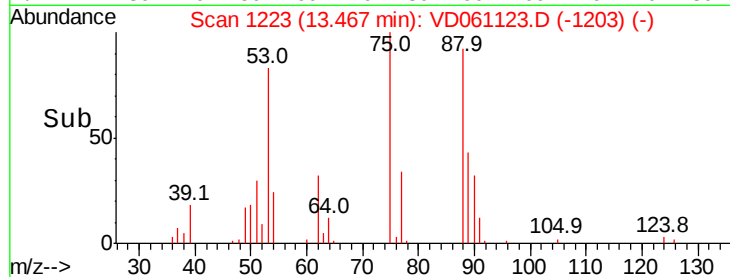
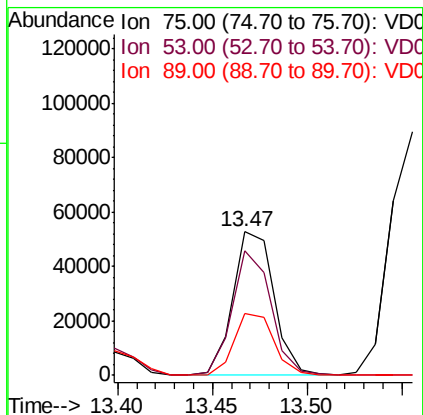
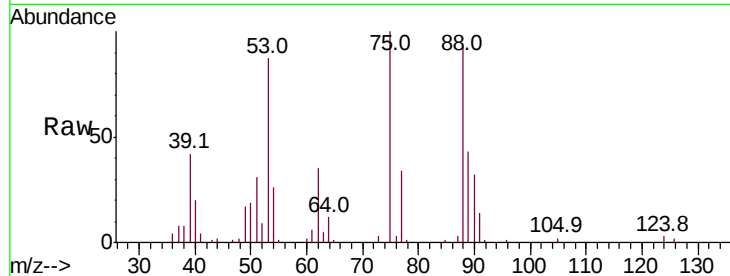
Time-->





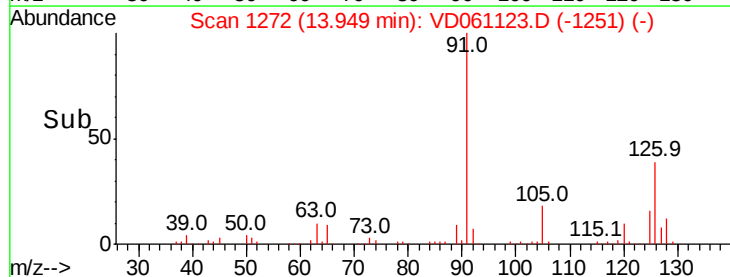
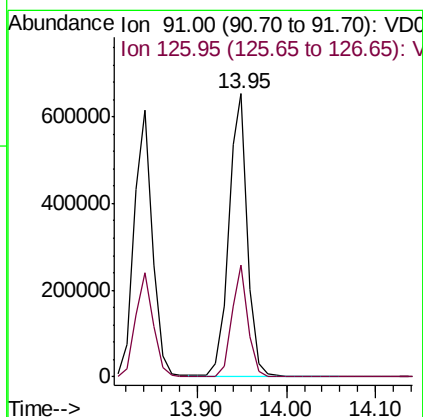
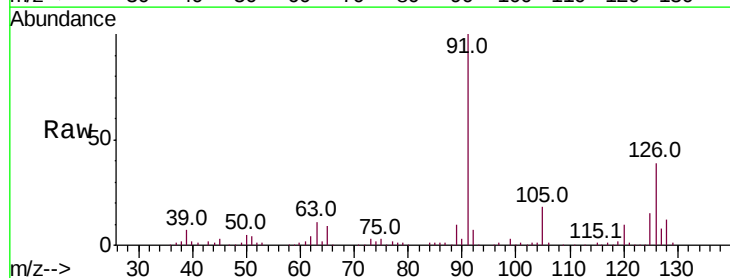
#81
trans-1,4-Dichloro-2-butene
Concen: 51.493 ug/l
RT: 13.47 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

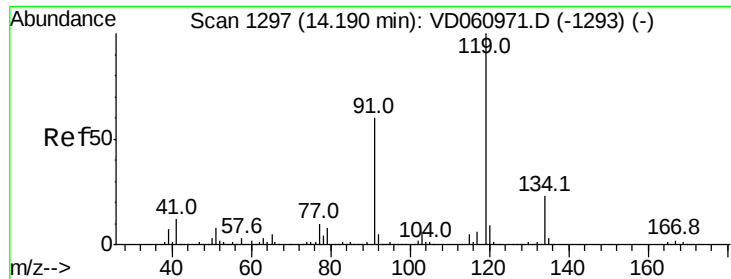
Tot Ion: 75 Resp: 79051
Ion Ratio Lower Upper
75 100
53 87.1 64.4 96.6
89 43.1 34.8 52.2



#82
4-Chlorotoluene
Concen: 48.415 ug/l
RT: 13.95 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

Tgt Ion: 91 Resp: 962234
Ion Ratio Lower Upper
91 100
126 39.3 18.0 54.0

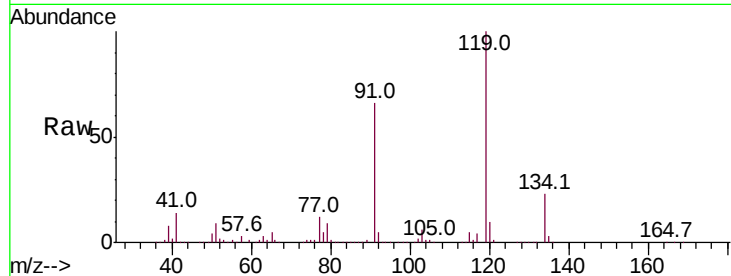




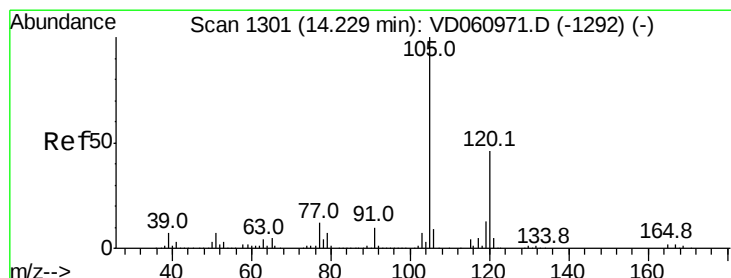
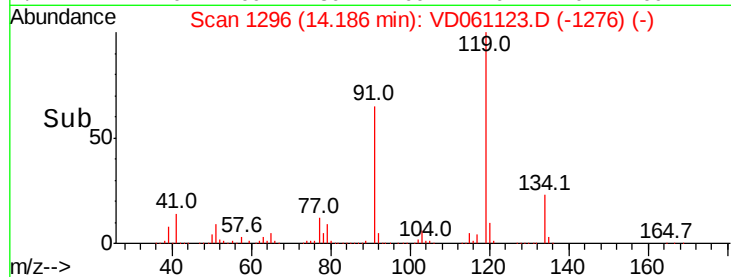
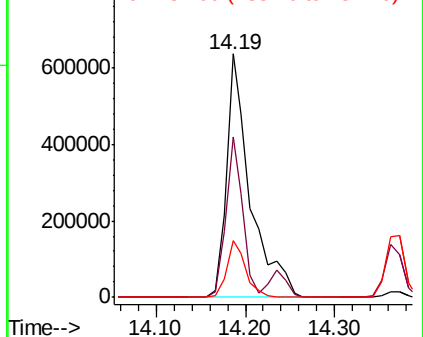
#83
 tert-Butylbenzene
 Concen: 55.083 ug/l
 RT: 14.19 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: VD061123.D
 Acq: 16 Mar 2019 22:58

Tot Ion:119 Resp: 1193716

Ion	Ratio	Lower	Upper
119	100		
91	65.8	30.1	90.3
134	23.1	11.6	34.7



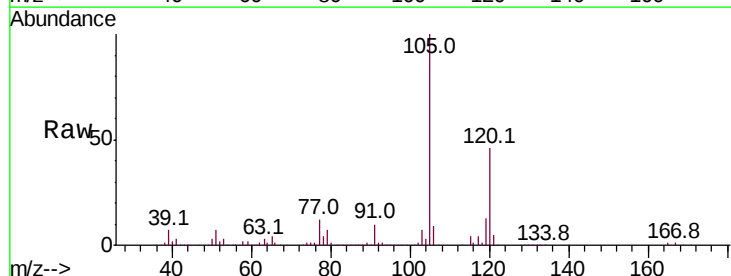
Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V



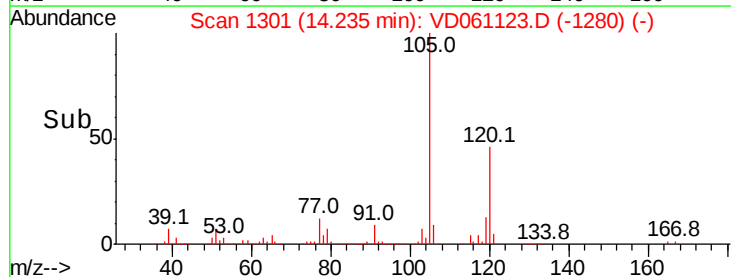
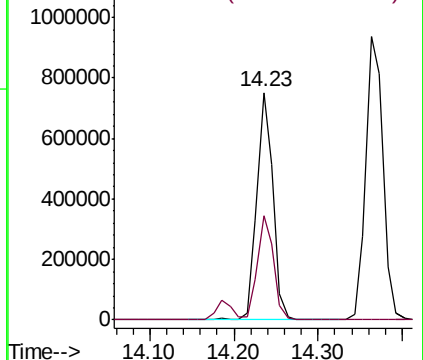
#84
 1,2,4-Trimethylbenzene
 Concen: 51.477 ug/l
 RT: 14.23 min Scan# 1301
 Delta R.T. 0.01 min
 Lab File: VD061123.D
 Acq: 16 Mar 2019 22:58

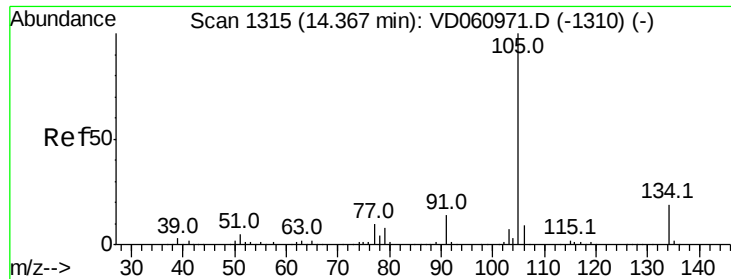
Tgt Ion:105 Resp: 1019356

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.9	68.5



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





#85

sec-Butylbenzene

Concen: 50.243 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VD061123.D

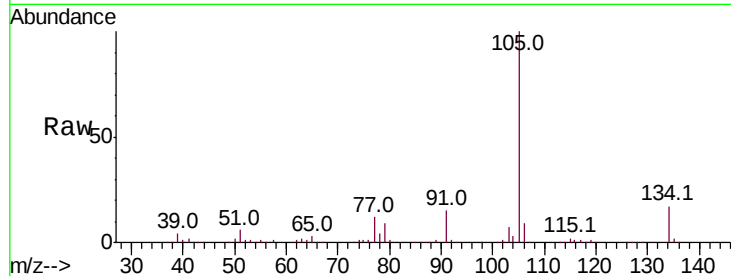
Acq: 16 Mar 2019 22:58

Tot Ion:105 Resp: 1329243

Ion Ratio Lower Upper

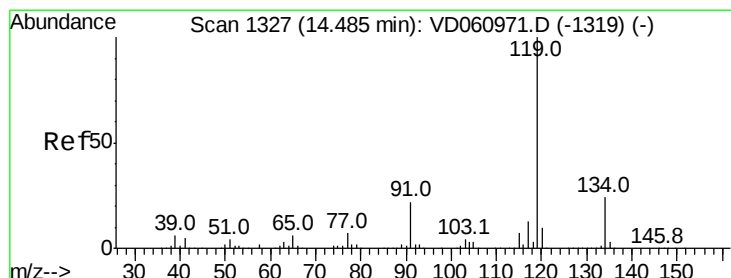
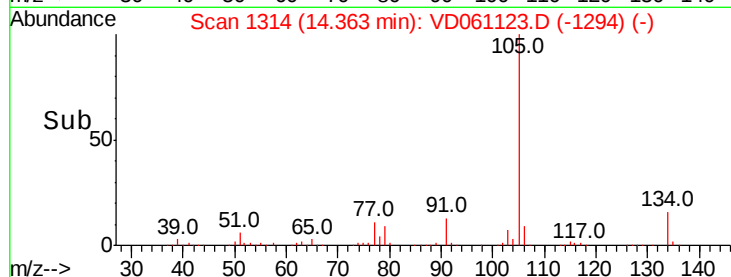
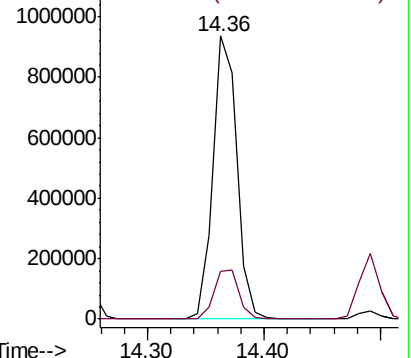
105 100

134 16.8 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: 49.529 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. 0.01 min

Lab File: VD061123.D

Acq: 16 Mar 2019 22:58

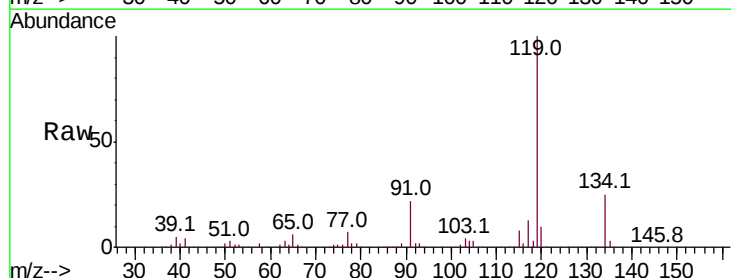
Tgt Ion:119 Resp: 1071088

Ion Ratio Lower Upper

119 100

134 25.2 12.0 36.1

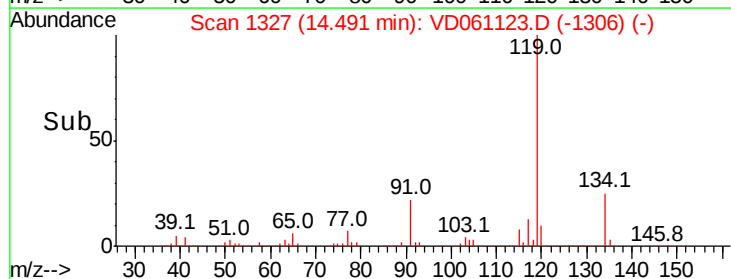
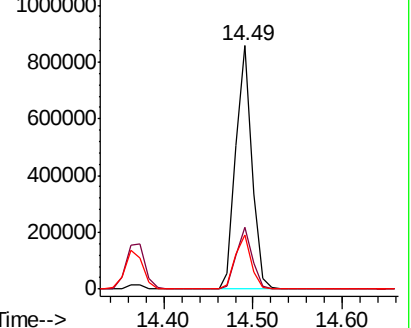
91 22.3 11.2 33.6

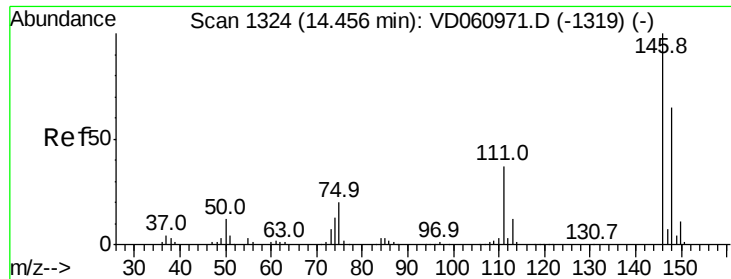


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

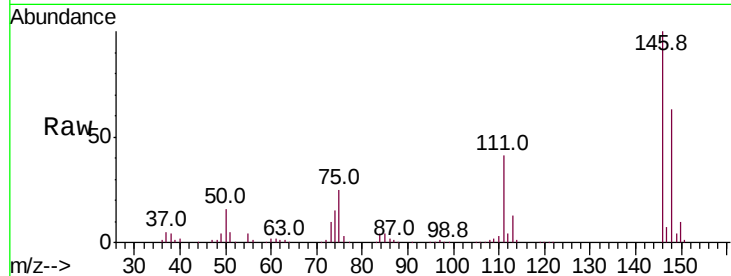
Ion 91.00 (90.70 to 91.70): V



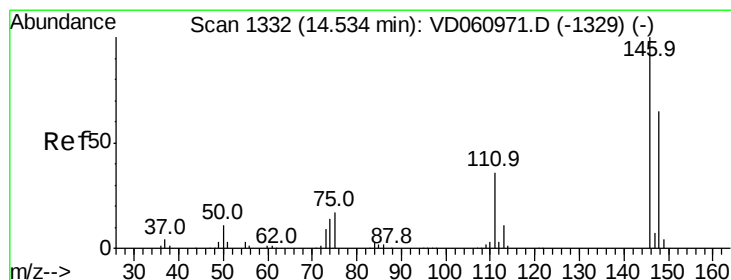
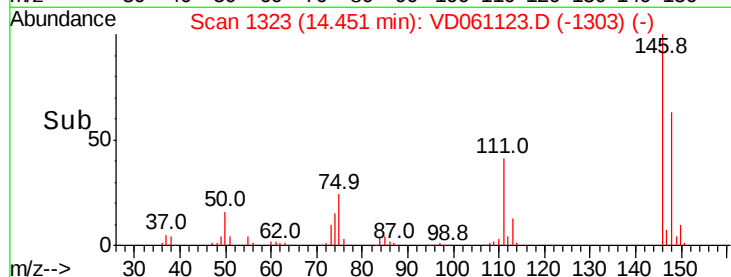
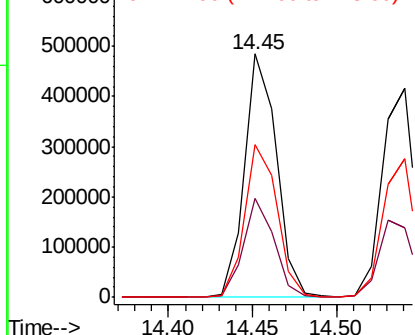


#87
 1,3-Dichlorobenzene
 Concen: 53.968 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VD061123.D
 Acq: 16 Mar 2019 22:58

Tot Ion:146 Resp: 641674
 Ion Ratio Lower Upper
 146 100
 111 40.8 18.4 55.4
 148 63.0 32.5 97.4

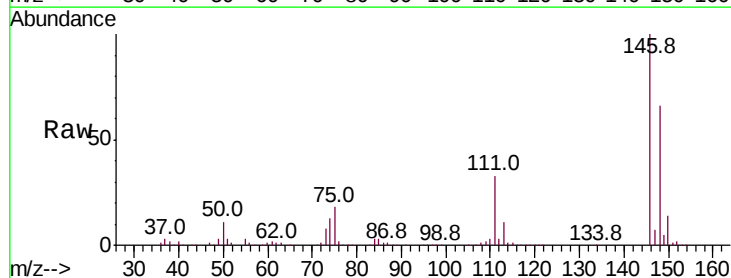


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

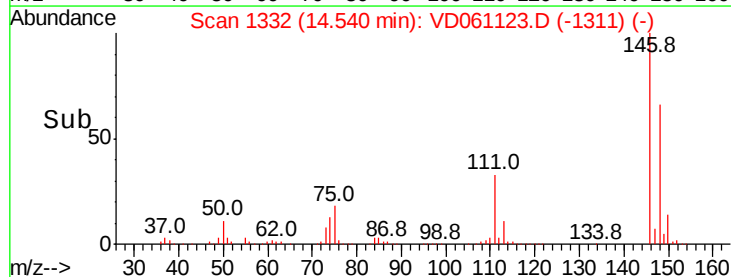
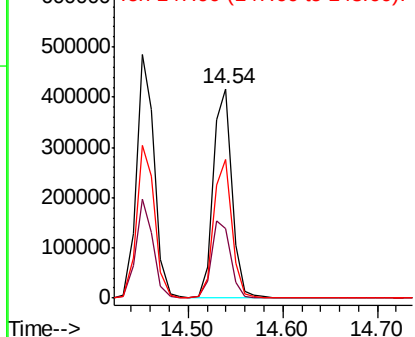


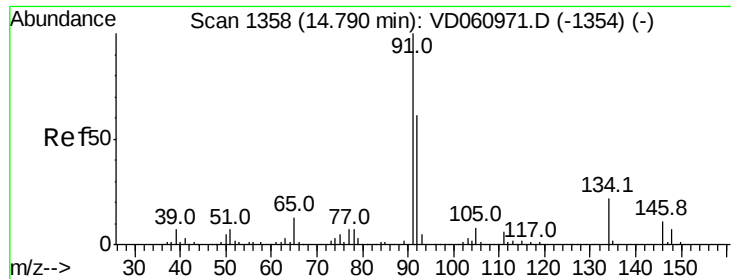
#88
 1,4-Dichlorobenzene
 Concen: 48.966 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: VD061123.D
 Acq: 16 Mar 2019 22:58

Tgt Ion:146 Resp: 572113
 Ion Ratio Lower Upper
 146 100
 111 33.1 18.4 55.2
 148 66.2 32.5 97.5



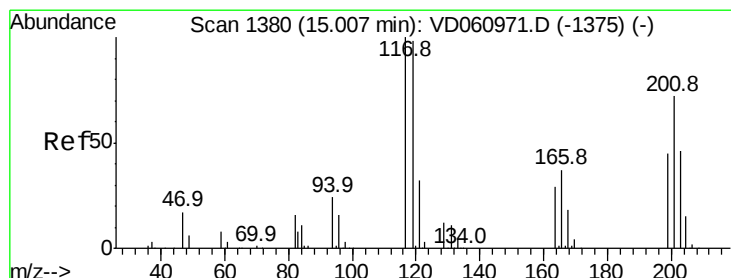
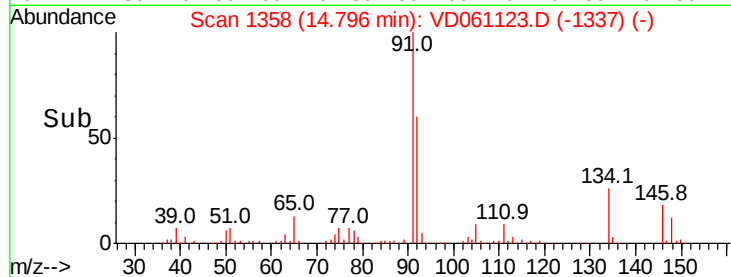
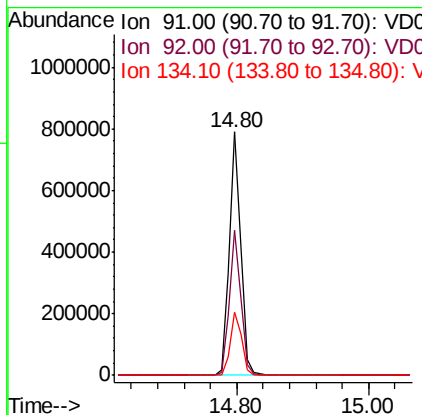
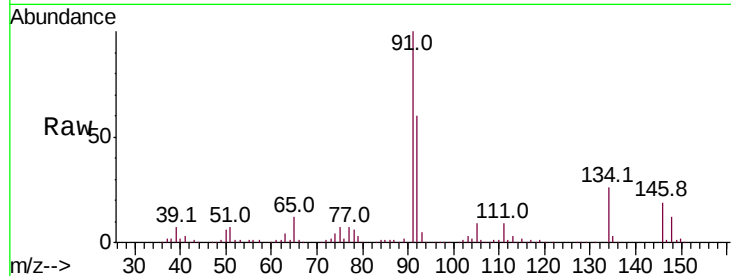
Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





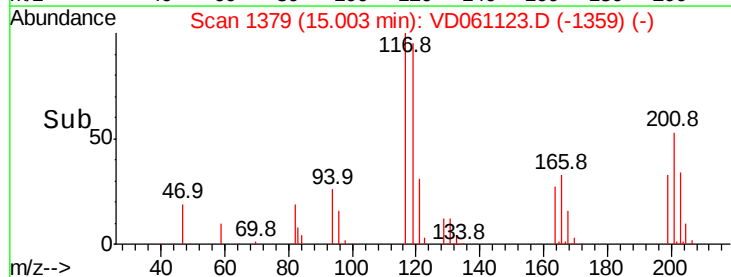
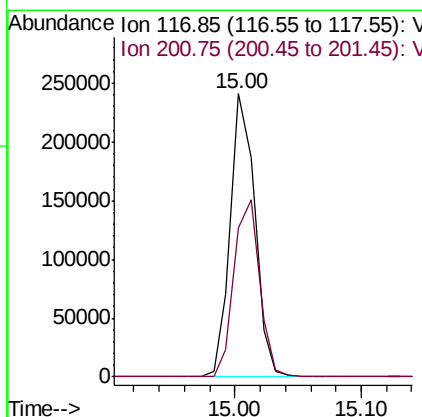
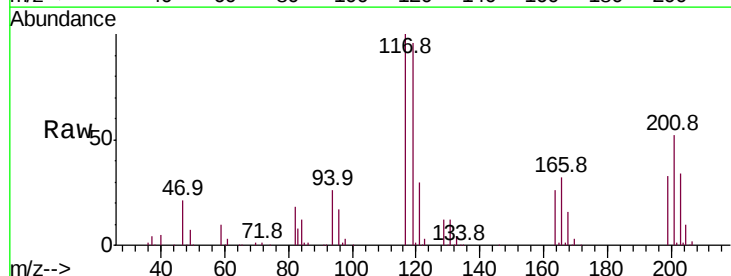
#89
n-Butylbenzene
Concen: 46.299 ug/l
RT: 14.80 min Scan# 1358
Delta R.T. 0.01 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

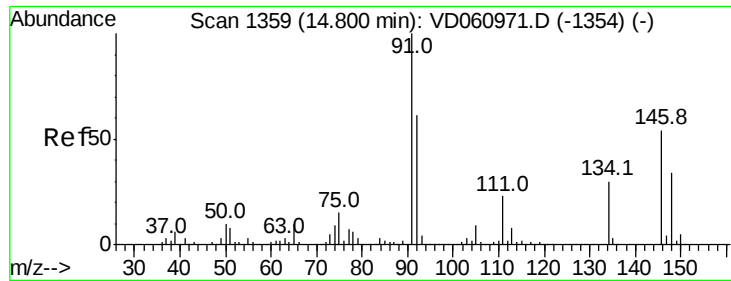
Tot Ion: 91 Resp: 961500
Ion Ratio Lower Upper
91 100
92 59.7 30.6 91.8
134 25.8 11.0 33.0



#90
Hexachloroethane
Concen: 53.252 ug/l
RT: 15.00 min Scan# 1379
Delta R.T. -0.00 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

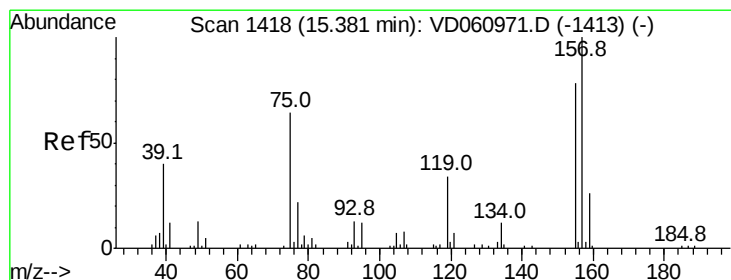
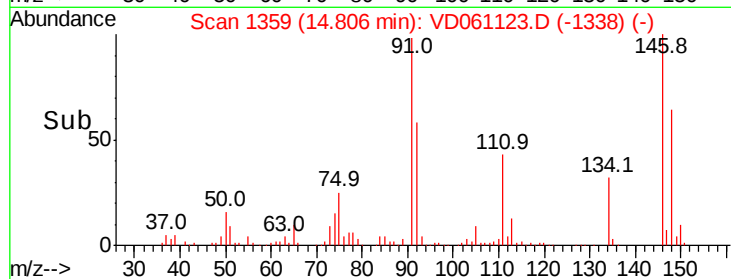
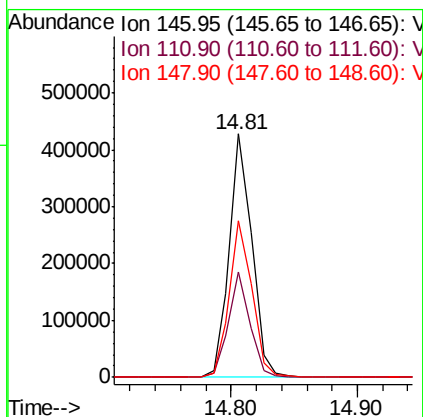
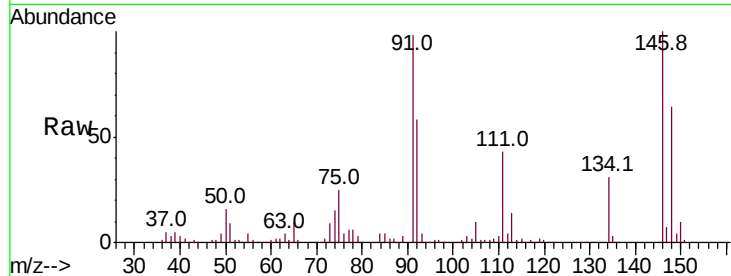
Tgt Ion: 117 Resp: 325179
Ion Ratio Lower Upper
117 100
201 52.5 36.2 108.6





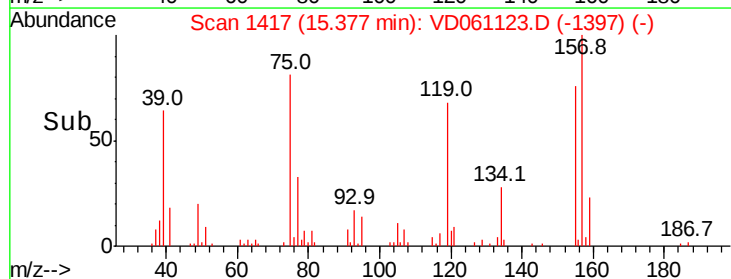
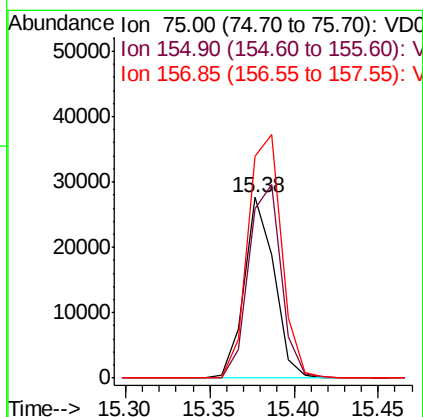
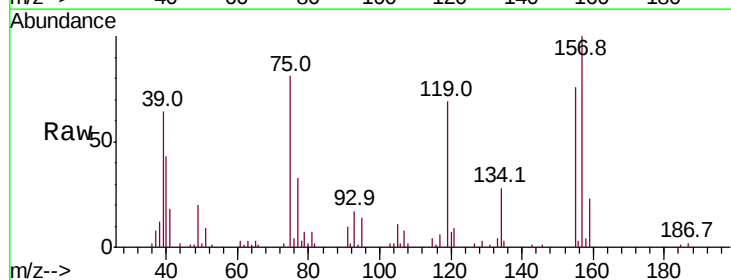
#91
 1,2-Dichlorobenzene
 Concen: 53.159 ug/l
 RT: 14.81 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: VD061123.D
 Acq: 16 Mar 2019 22:58

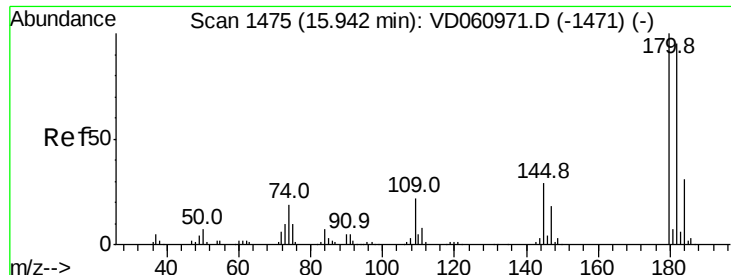
Tot Ion:146 Resp: 526918
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.5 64.5
 148 64.2 30.9 92.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.359 ug/l
 RT: 15.38 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VD061123.D
 Acq: 16 Mar 2019 22:58

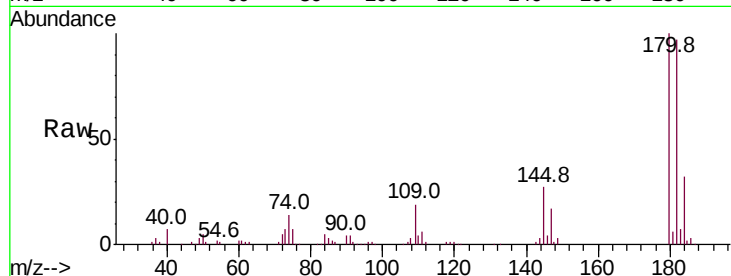
Tgt Ion: 75 Resp: 33950
 Ion Ratio Lower Upper
 75 100
 155 93.9 61.2 183.5
 157 122.7 78.3 234.8



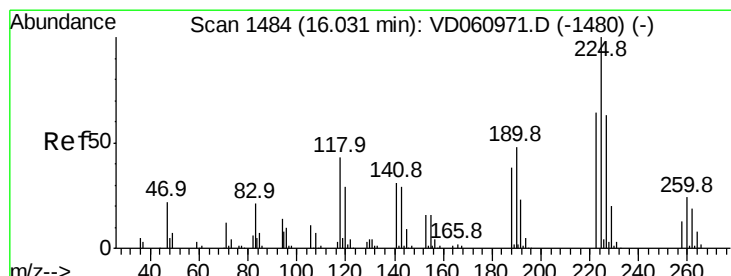
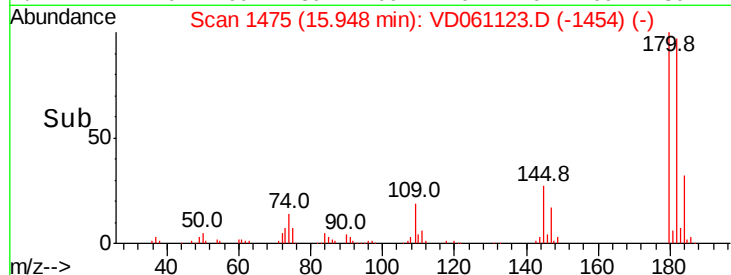
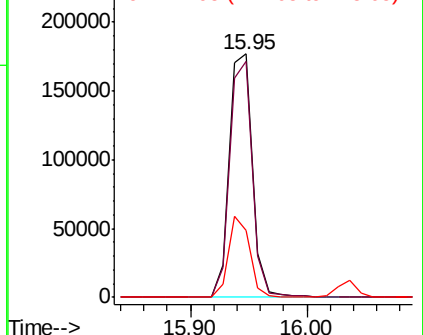


#93
 1,2,4-Trichlorobenzene
 Concen: 53.156 ug/l
 RT: 15.95 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: VD061123.D
 Acq: 16 Mar 2019 22:58

Tot Ion:180 Resp: 244421
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.3 142.0
 145 27.5 14.4 43.0

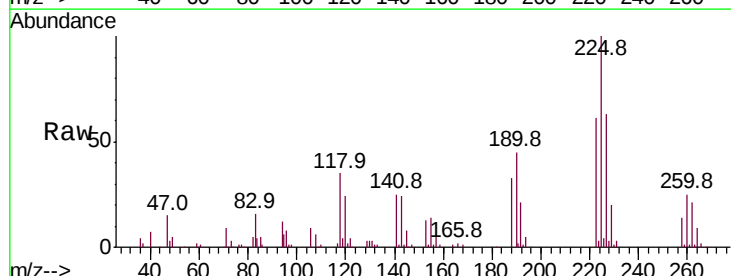


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

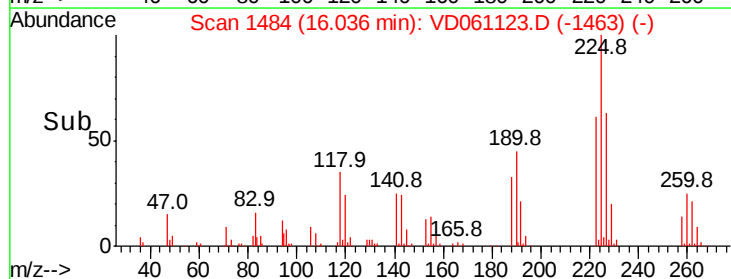
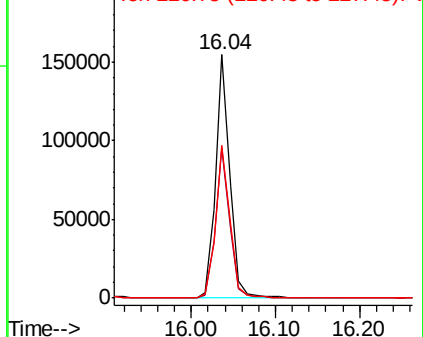


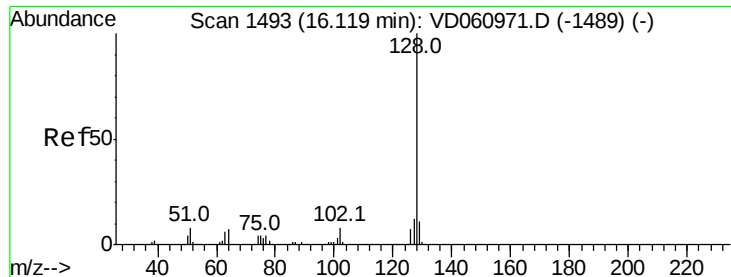
#94
 Hexachlorobutadiene
 Concen: 51.894 ug/l
 RT: 16.04 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: VD061123.D
 Acq: 16 Mar 2019 22:58

Tgt Ion:225 Resp: 180487
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.8 95.3
 227 62.9 31.4 94.0



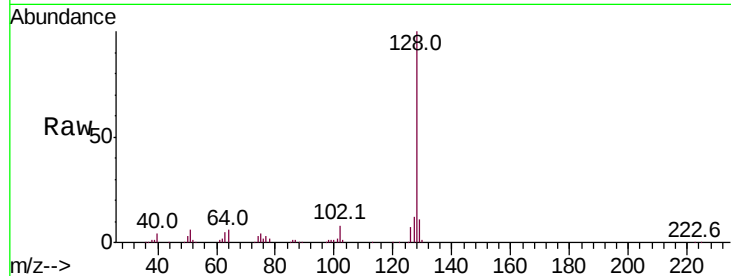
Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V



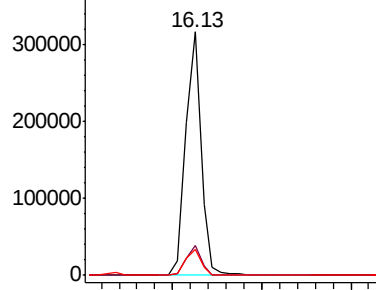


#95
Naphthalene
Concen: 54.974 ug/l
RT: 16.13 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

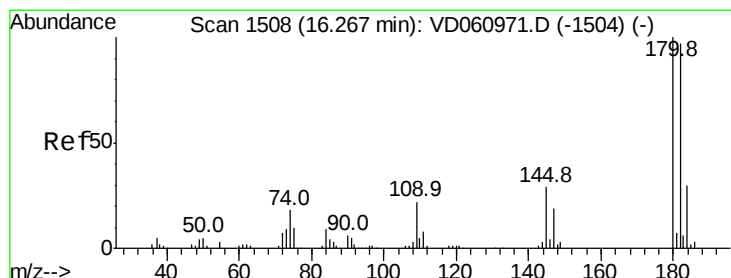
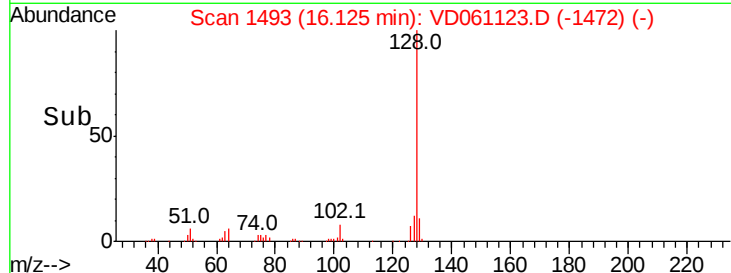
Tot Ion:128 Resp: 384135
Ion Ratio Lower Upper
128 100
127 12.5 9.8 14.8
129 10.7 8.5 12.7



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

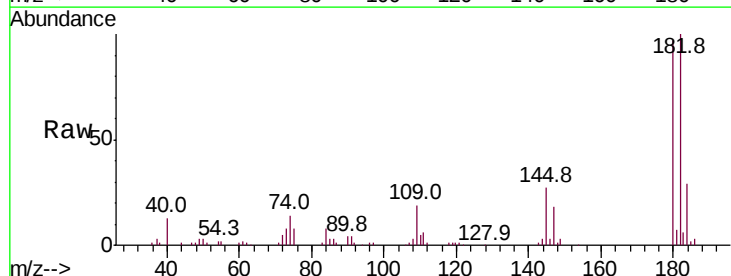


Time-->

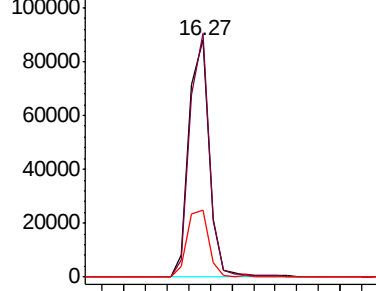


#96
1,2,3-Trichlorobenzene
Concen: 50.918 ug/l
RT: 16.27 min Scan# 1508
Delta R.T. 0.01 min
Lab File: VD061123.D
Acq: 16 Mar 2019 22:58

Tgt Ion:180 Resp: 115638
Ion Ratio Lower Upper
180 100
182 102.9 48.6 145.8
145 28.1 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



Time-->

