

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031619\
 Data File : VD061126.D
 Acq On : 17 Mar 2019 00:48
 Operator : VA/AP
 Sample : VD0316SBS02
 Misc : 6.00u/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Mar 17 01:14:26 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	651286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1105255	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	884123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	362034	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	246946	45.55	ug/l	0.00
Spiked Amount			Recovery	=	91.10%	
35) Dibromofluoromethane	6.92	113	408327	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
50) Toluene-d8	10.41	98	961465	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
62) 4-Bromofluorobenzene	13.55	95	347280	43.45	ug/l	0.00
Spiked Amount			Recovery	=	86.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	127306	19.733	ug/l	98
3) Chloromethane	1.76	50	97979	18.231	ug/l	97
4) Vinyl Chloride	1.85	62	97993	19.733	ug/l	98
5) Bromomethane	2.15	94	18170	17.929	ug/l #	83
6) Chloroethane	2.27	64	27512	18.509	ug/l #	86
7) Trichlorofluoromethane	2.53	101	138360	19.395	ug/l	97
8) Diethyl Ether	2.88	74	48953	20.801	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.15	101	151367	18.979	ug/l	94
10) Methyl Iodide	3.31	142	210537	20.977	ug/l	97
11) Tert butyl alcohol	4.08	59	31725	91.923	ug/l #	95
12) 1,1-Dichloroethene	3.12	96	125845	19.249	ug/l	95
13) Acrolein	3.04	56	30170	60.417	ug/l	94
14) Allyl chloride	3.63	41	209175	19.997	ug/l	99
15) Acrylonitrile	4.20	53	125402	102.807	ug/l	98
16) Acetone	3.22	43	129325	83.422	ug/l	94
17) Carbon Disulfide	3.38	76	412695	18.714	ug/l	99
18) Methyl Acetate	3.65	43	63026	20.658	ug/l #	86
19) Methyl tert-butyl Ether	4.24	73	239331	20.889	ug/l	99
20) Methylene Chloride	3.82	84	161328	20.028	ug/l	92
21) trans-1,2-Dichloroethene	4.23	96	142650	20.160	ug/l	98
22) Diisopropyl ether	5.11	45	421367	19.405	ug/l	90
23) Vinyl Acetate	5.05	43	1108907	99.482	ug/l	99
24) 1,1-Dichloroethane	4.98	63	240964	20.254	ug/l	99
25) 2-Butanone	6.07	43	164896	93.739	ug/l	99
26) 2,2-Dichloropropane	6.03	77	173074	18.635	ug/l	98
27) cis-1,2-Dichloroethene	6.04	96	154042	20.518	ug/l	94
28) Bromochloromethane	6.44	49	95138	18.889	ug/l	89
29) Tetrahydrofuran	6.46	42	93720	98.117	ug/l	95
30) Chloroform	6.67	83	256589	20.809	ug/l	97
31) Cyclohexane	6.95	56	195691	20.399	ug/l	96
32) 1,1,1-Trichloroethane	6.87	97	215060	20.174	ug/l	98
36) 1,1-Dichloropropene	7.15	75	185996	19.523	ug/l	98
37) Ethyl Acetate	6.18	43	92389	20.665	ug/l	97
38) Carbon Tetrachloride	7.11	117	212118	20.212	ug/l	97

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 Misc : 6.00µg/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

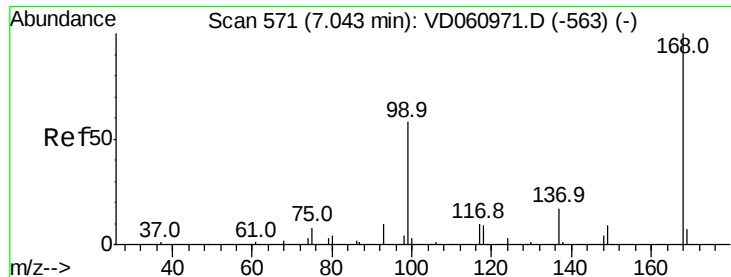
39) Methylcyclohexane	8.86	83	182790	18.503	ug/l	99
40) Benzene	7.46	78	459529	19.303	ug/l	99
41) Methacrylonitrile	6.44	41	102873	20.005	ug/l	97
42) 1,2-Dichloroethane	7.57	62	144563	20.926	ug/l	100
43) Isopropyl Acetate	9.24	43	121019	19.544	ug/l #	99
44) Trichloroethene	8.54	130	165581	20.161	ug/l	100
45) 1,2-Dichloropropane	8.94	63	118449	18.939	ug/l	99
46) Dibromomethane	9.06	93	81298	20.492	ug/l	95
47) Bromodichloromethane	9.38	83	172655	19.286	ug/l	99
48) Methyl methacrylate	9.12	41	68710	19.708	ug/l	93
49) 1,4-Dioxane	9.08	88	14890	422.365	ug/l #	90
51) 4-Methyl-2-Pentanone	10.29	43	376538	99.259	ug/l	97
52) Toluene	10.51	92	303977	20.534	ug/l	95
53) t-1,3-Dichloropropene	10.91	75	170375	20.813	ug/l	97
54) cis-1,3-Dichloropropene	10.03	75	194847	19.810	ug/l	98
55) 1,1,2-Trichloroethane	11.19	97	108635	22.036	ug/l	99
56) Ethyl methacrylate	11.04	69	108083	20.946	ug/l	96
57) 1,3-Dichloropropane	11.40	76	157733	21.410	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	252790	92.550	ug/l	96
59) 2-Hexanone	11.53	43	269815	97.234	ug/l	98
60) Dibromochloromethane	11.68	129	154606	21.309	ug/l	98
61) 1,2-Dibromoethane	11.80	107	121825	21.243	ug/l	100
64) Tetrachloroethene	11.26	164	138971	23.285	ug/l	97
65) Chlorobenzene	12.40	112	398016	22.964	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	135361	21.909	ug/l	96
67) Ethyl Benzene	12.52	91	554718	21.497	ug/l	100
68) m/p-Xylenes	12.66	106	459372	45.357	ug/l	99
69) o-Xylene	13.05	106	213792	21.475	ug/l	98
70) Styrene	13.07	104	317353	19.522	ug/l	97
71) Bromoform	13.23	173	86415	21.682	ug/l	98
73) Isopropylbenzene	13.40	105	545848	20.921	ug/l	99
74) N-amyl acetate	13.26	43	151982	20.687	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	111411	21.886	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	116717	22.409	ug/l	99
77) Bromobenzene	13.67	156	141789	21.289	ug/l	94
78) n-propylbenzene	13.77	91	660311	21.618	ug/l	100
79) 2-Chlorotoluene	13.83	91	373679	22.222	ug/l	99
80) 1,3,5-Trimethylbenzene	14.24	105	455805	23.012	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.47	75	32586	21.221	ug/l	99
82) 4-Chlorotoluene	13.94	91	438218	22.043	ug/l	98
83) tert-Butylbenzene	14.19	119	540563	24.937	ug/l	98
84) 1,2,4-Trimethylbenzene	14.24	105	455805	23.012	ug/l	97
85) sec-Butylbenzene	14.37	105	559514	21.143	ug/l	96
86) p-Isopropyltoluene	14.48	119	484710	22.408	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	265557	22.329	ug/l	97
88) 1,4-Dichlorobenzene	14.53	146	236077	20.200	ug/l	99
89) n-Butylbenzene	14.80	91	435968	20.988	ug/l	95
90) Hexachloroethane	15.01	117	136290	22.313	ug/l	88
91) 1,2-Dichlorobenzene	14.81	146	223608	22.553	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.38	75	12182	19.859	ug/l	94

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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)
93) 1,2,4-Trichlorobenzene	15.94	180	104909	22.809	ug/l	98
94) Hexachlorobutadiene	16.04	225	73255	21.057	ug/l	98
95) Naphthalene	16.12	128	176264	25.219	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	54261	23.886	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061126.D

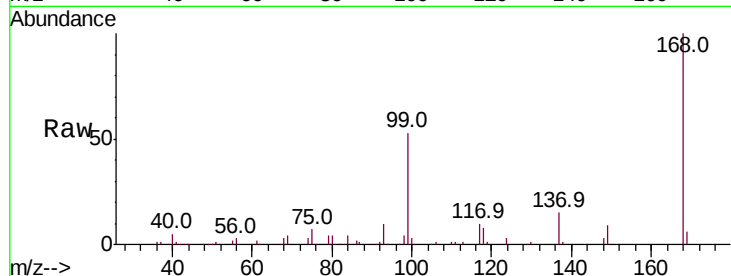
Acq: 17 Mar 2019 00:48

Tot Ion:168 Resp: 651286

Ion Ratio Lower Upper

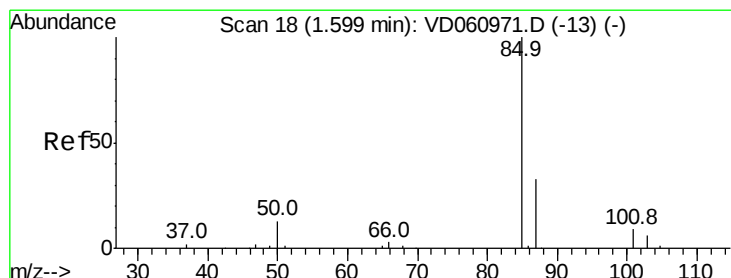
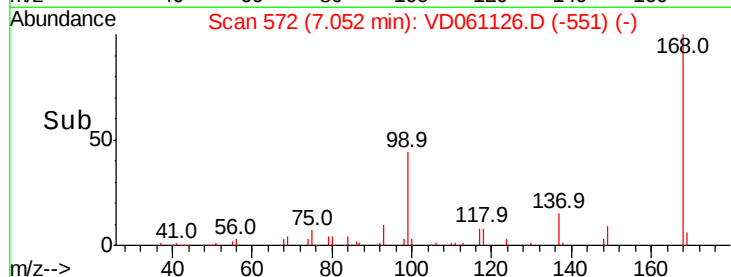
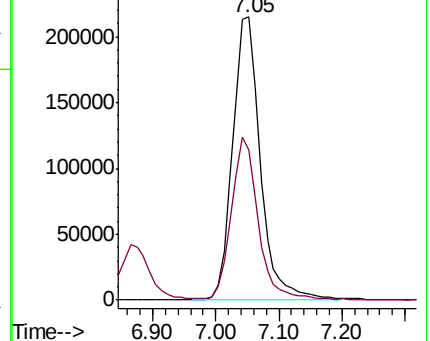
168 100

99 53.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 19.733 ug/l

RT: 1.59 min Scan# 17

Delta R.T. -0.01 min

Lab File: VD061126.D

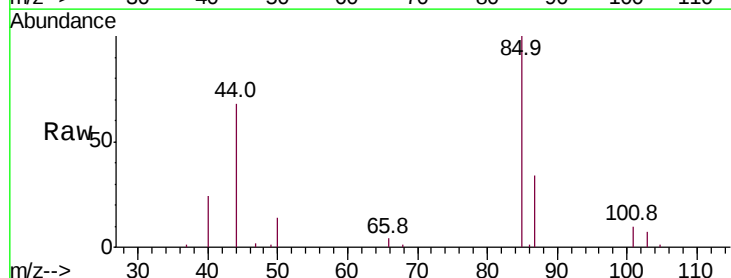
Acq: 17 Mar 2019 00:48

Tgt Ion: 85 Resp: 127306

Ion Ratio Lower Upper

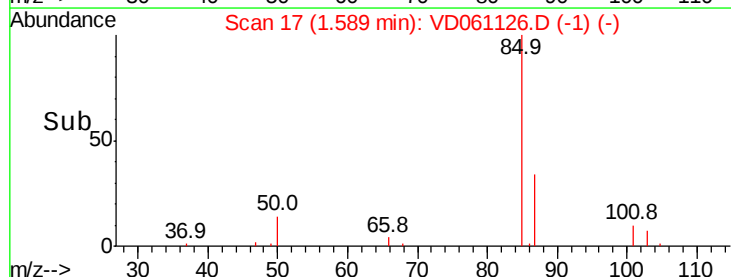
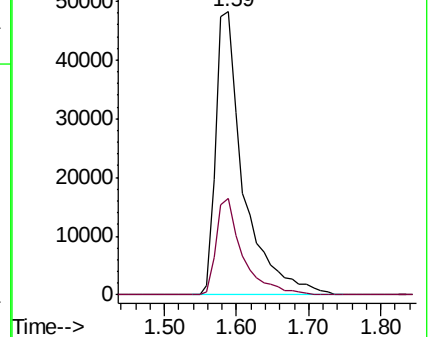
85 100

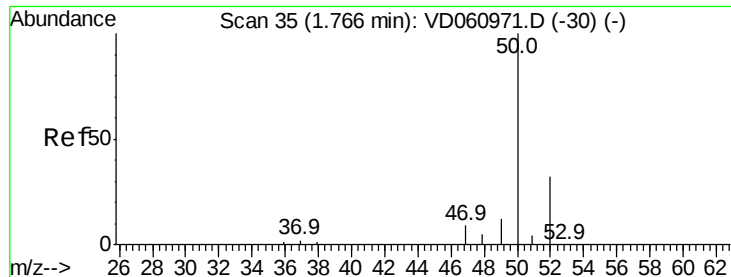
87 34.2 16.4 49.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.231 ug/l

RT: 1.76 min Scan# 34

Delta R.T. -0.01 min

Lab File: VD061126.D

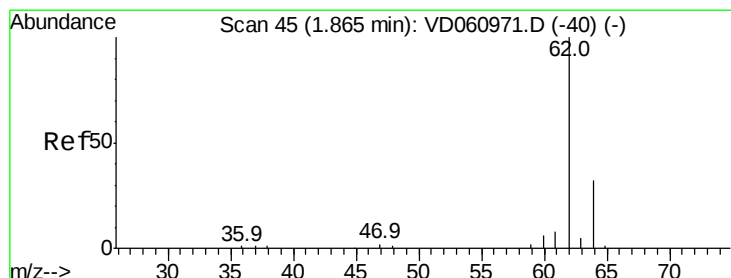
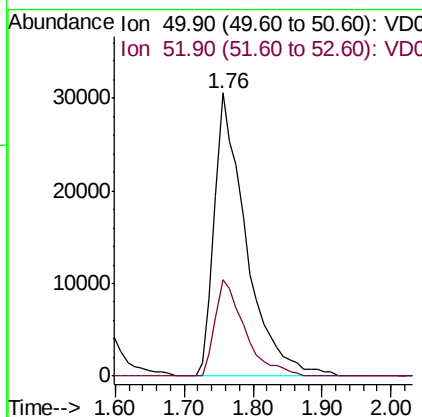
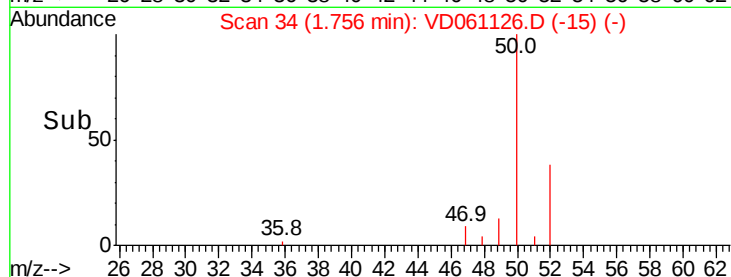
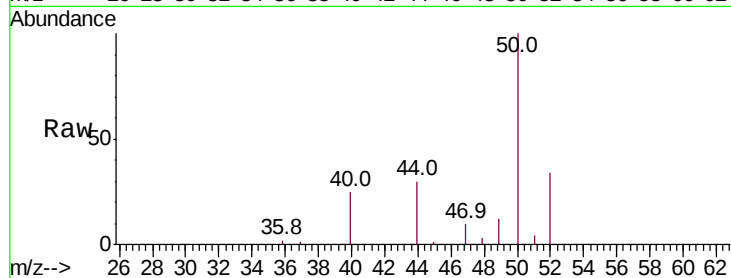
Acq: 17 Mar 2019 00:48

Tot Ion: 50 Resp: 97979

Ion Ratio Lower Upper

50 100

52 34.1 25.8 38.8



#4

Vinyl Chloride

Concen: 19.733 ug/l

RT: 1.85 min Scan# 44

Delta R.T. -0.01 min

Lab File: VD061126.D

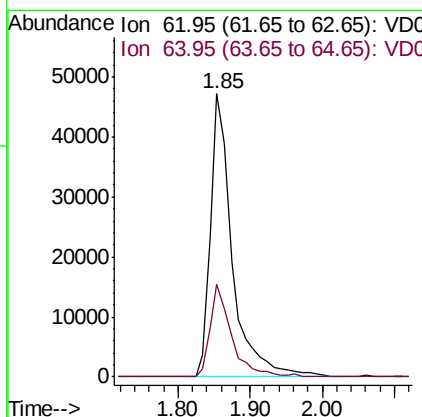
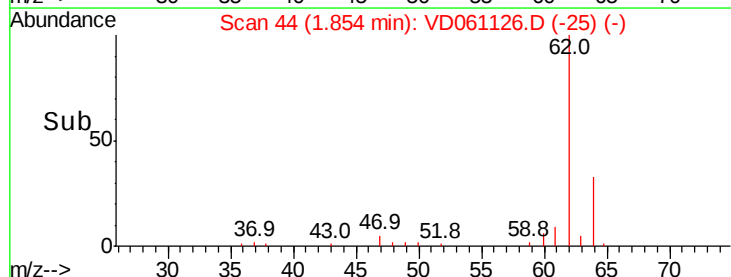
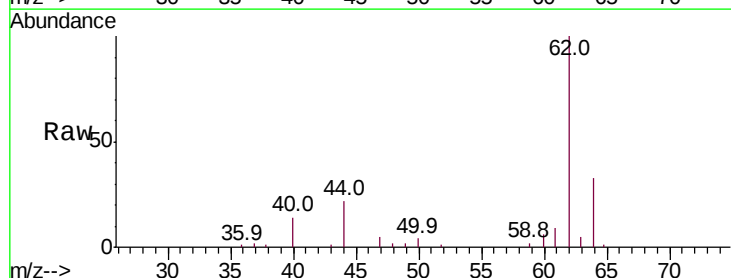
Acq: 17 Mar 2019 00:48

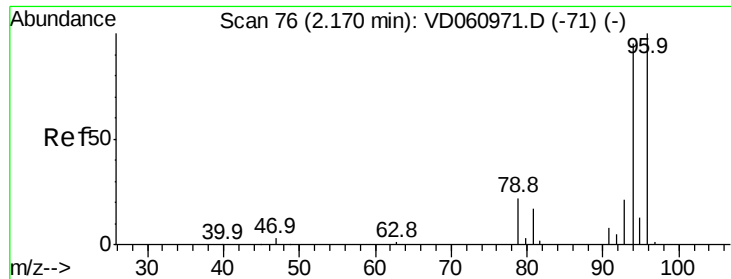
Tgt Ion: 62 Resp: 97993

Ion Ratio Lower Upper

62 100

64 32.5 25.2 37.8





#5

Bromomethane

Concen: 17.929 ug/l

RT: 2.15 min Scan# 74

Delta R.T. -0.02 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

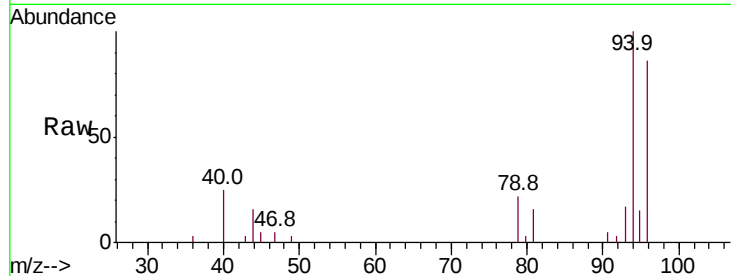
Tot Ion: 94 Resp: 18170

Ion Ratio Lower Upper

94 100

96 85.7 84.0 126.0

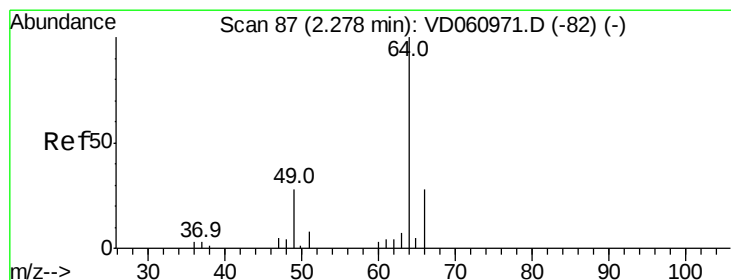
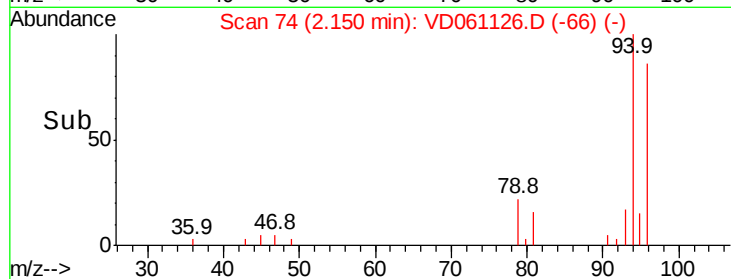
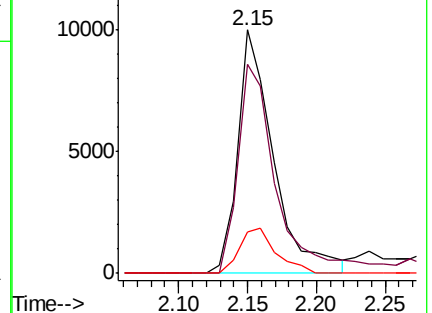
93 17.2 17.3 25.9#



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: 18.509 ug/l

RT: 2.27 min Scan# 86

Delta R.T. -0.01 min

Lab File: VD061126.D

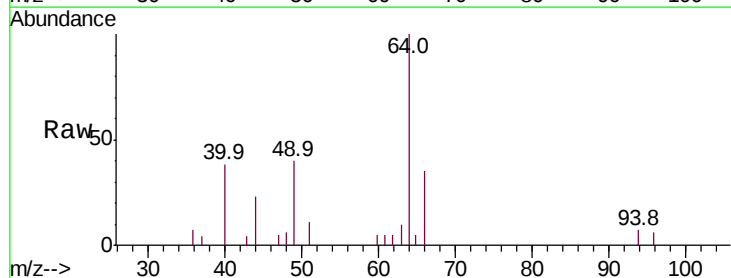
Acq: 17 Mar 2019 00:48

Tgt Ion: 64 Resp: 27512

Ion Ratio Lower Upper

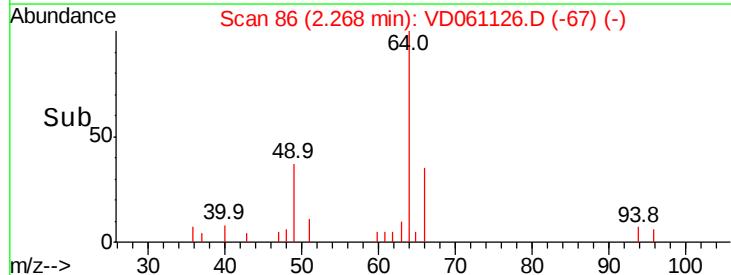
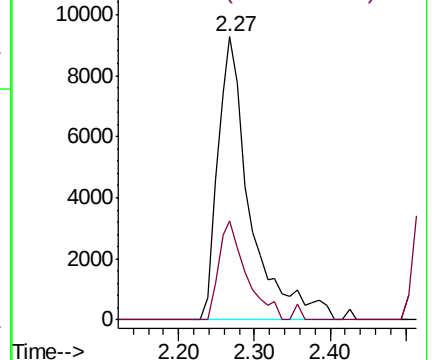
64 100

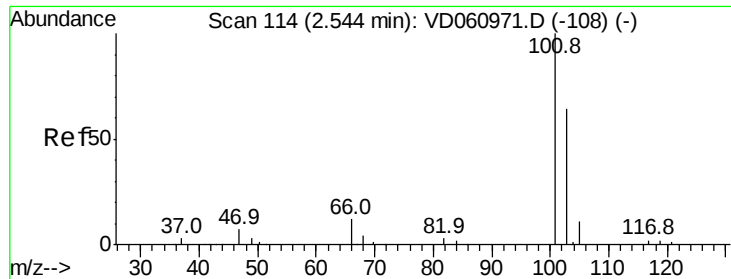
66 34.9 22.2 33.2#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

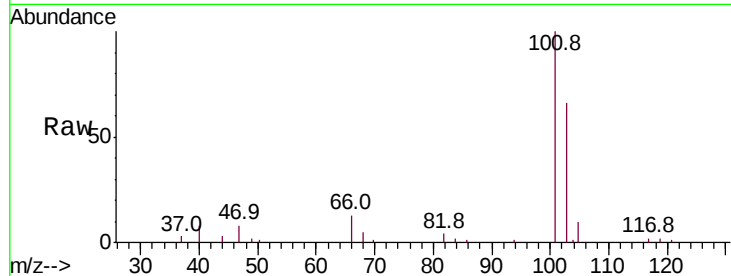




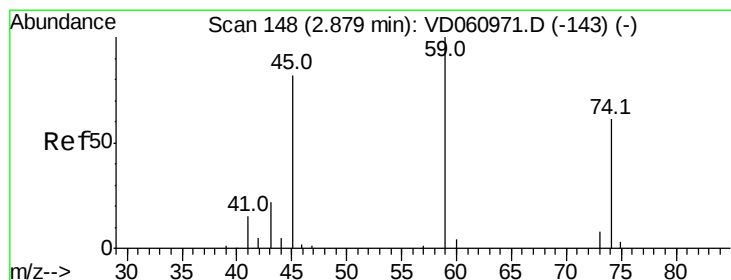
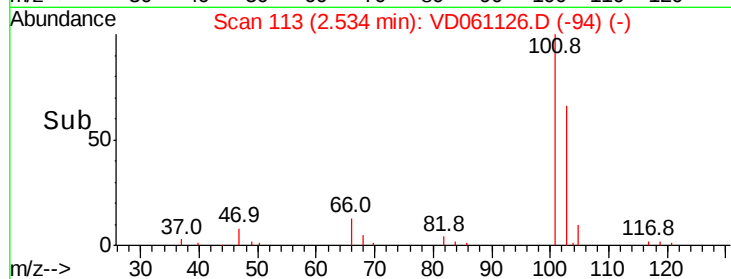
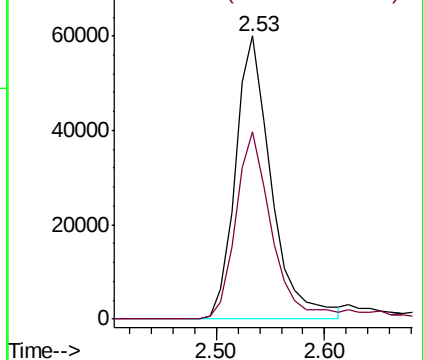
#7

Trichlorofluoromethane
Concen: 19.395 ug/l
RT: 2.53 min Scan# 113
Delta R.T. -0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tot Ion:101 Resp: 138360
Ion Ratio Lower Upper
101 100
103 66.2 51.2 76.8



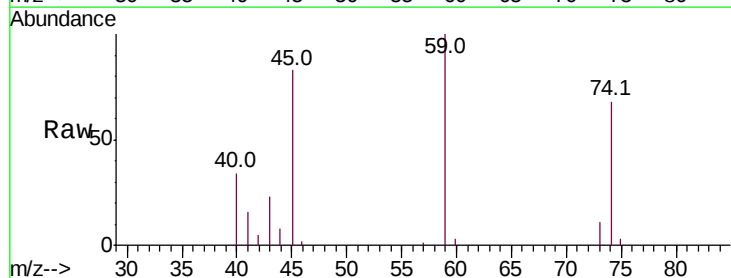
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



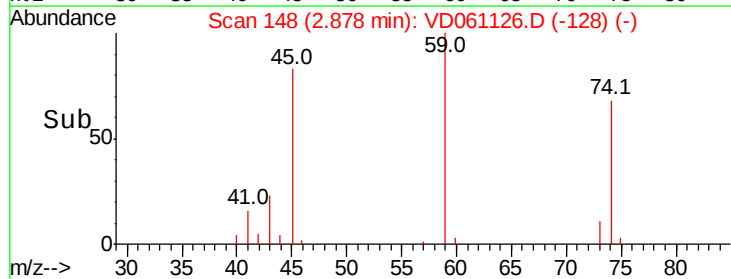
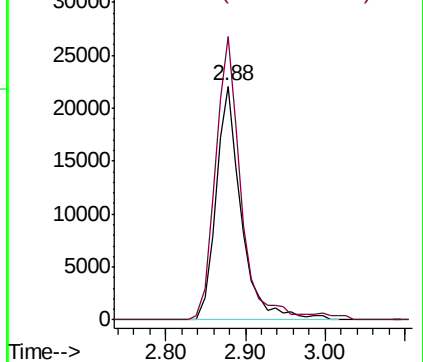
#8

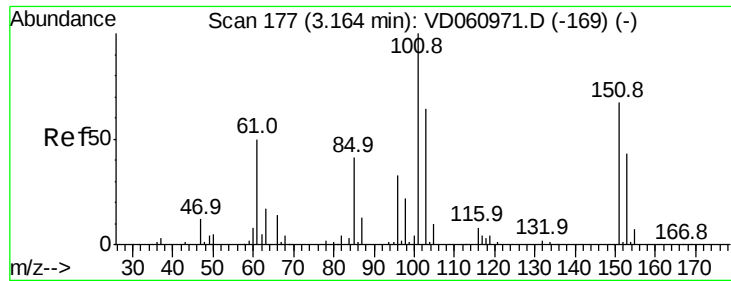
Diethyl Ether
Concen: 20.801 ug/l
RT: 2.88 min Scan# 148
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion: 74 Resp: 48953
Ion Ratio Lower Upper
74 100
45 120.9 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: 18.979 ug/l

RT: 3.15 min Scan# 176

Delta R.T. -0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

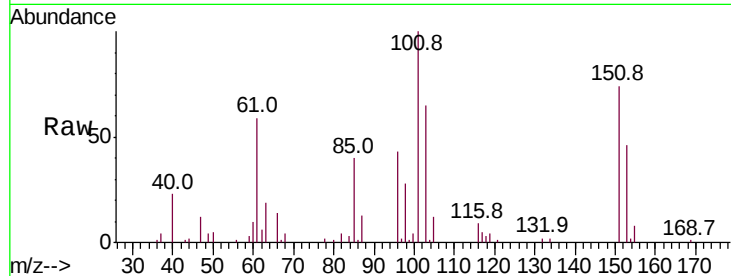
Tot Ion:101 Resp: 151367

Ion Ratio Lower Upper

101 100

85 40.2 32.5 48.7

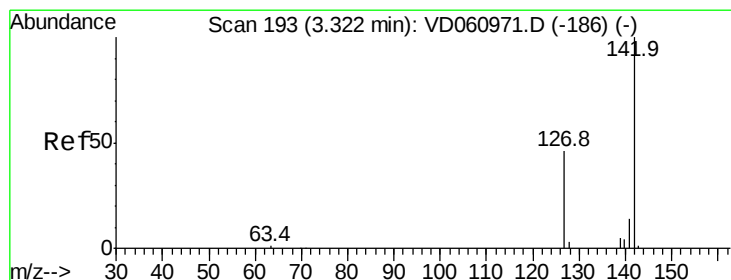
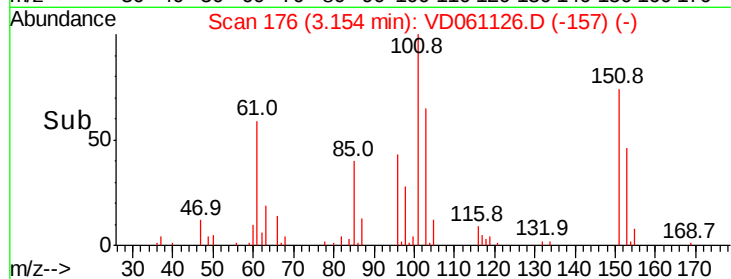
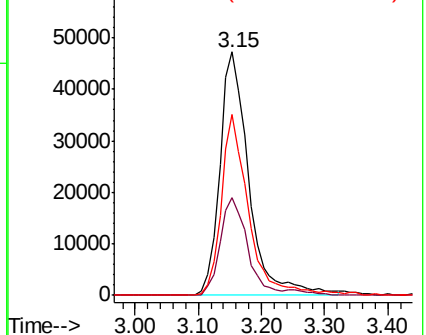
151 74.4 53.3 79.9



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: 20.977 ug/l

RT: 3.31 min Scan# 192

Delta R.T. -0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

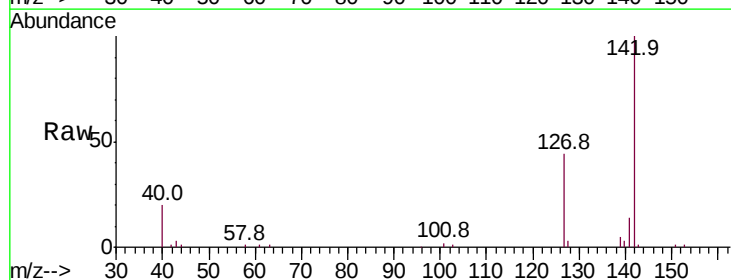
Tgt Ion:142 Resp: 210537

Ion Ratio Lower Upper

142 100

127 43.8 36.8 55.2

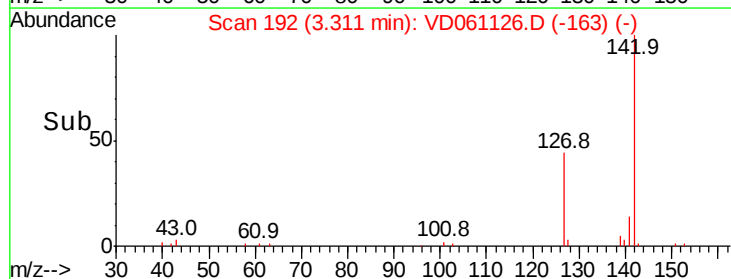
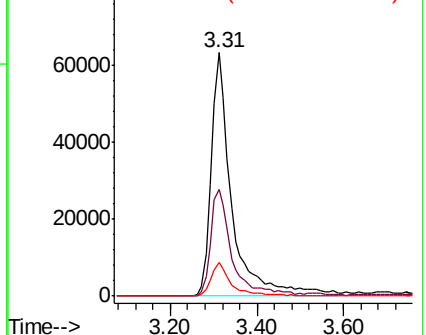
141 13.8 11.2 16.8

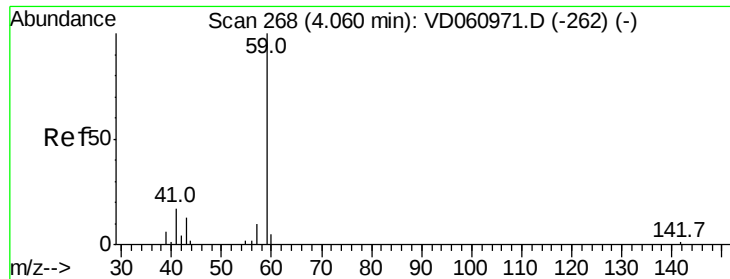


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

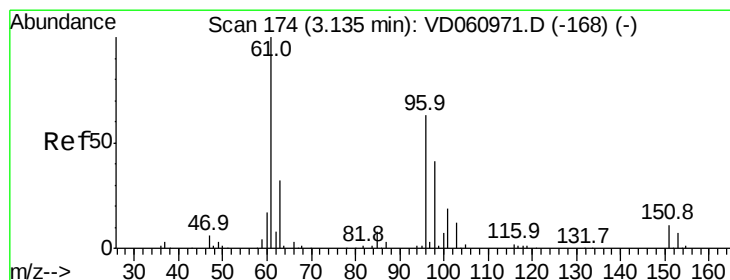
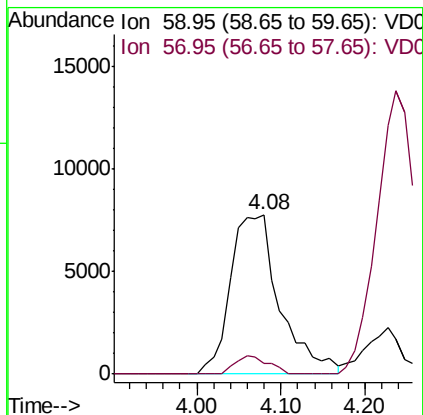
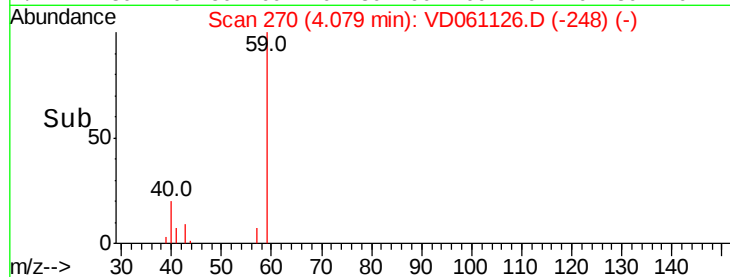
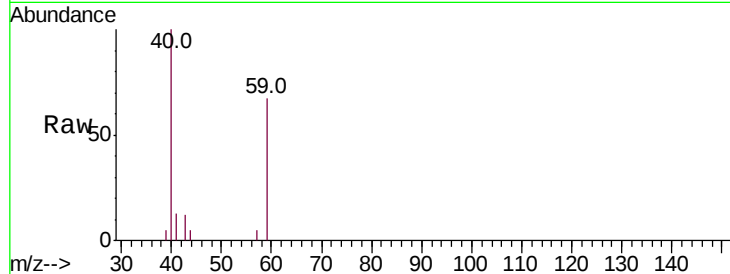




#11

Tert butyl alcohol
Concen: 91.923 ug/l
RT: 4.08 min Scan# 270
Delta R.T. 0.02 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

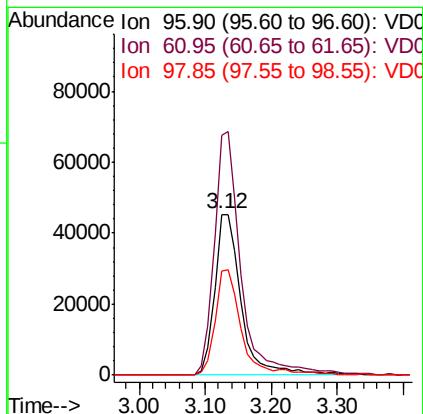
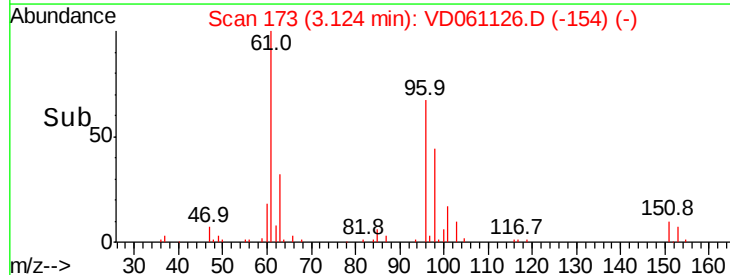
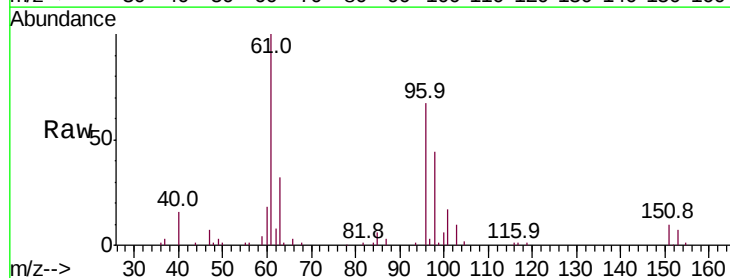
Tot Ion: 59 Resp: 31725
Ion Ratio Lower Upper
59 100
57 7.0 7.1 10.7#

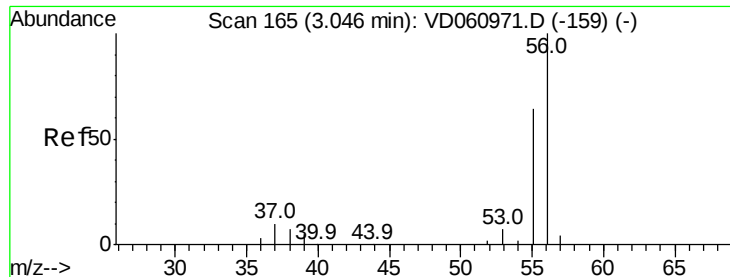


#12

1,1-Dichloroethene
Concen: 19.249 ug/l
RT: 3.12 min Scan# 173
Delta R.T. -0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion: 96 Resp: 125845
Ion Ratio Lower Upper
96 100
61 149.6 127.1 190.7
98 65.2 51.5 77.3





#13

Acrolein

Concen: 60.417 ug/l

RT: 3.04 min Scan# 164

Delta R.T. -0.01 min

Lab File: VD061126.D

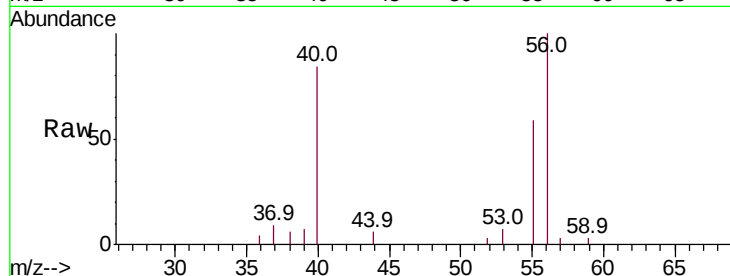
Acq: 17 Mar 2019 00:48

Tot Ion: 56 Resp: 30170

Ion Ratio Lower Upper

56 100

55 59.1 51.3 76.9



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

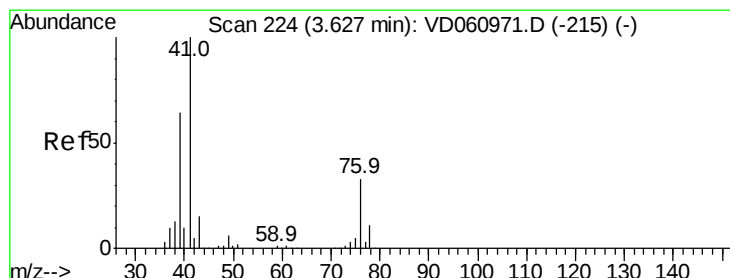
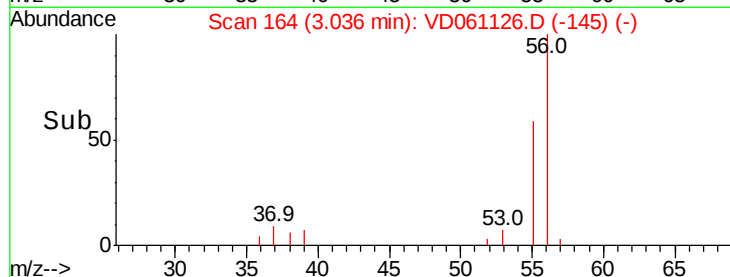
3.04

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 19.997 ug/l

RT: 3.63 min Scan# 224

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

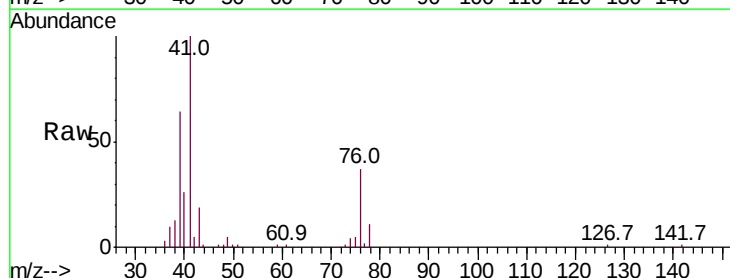
Tgt Ion: 41 Resp: 209175

Ion Ratio Lower Upper

41 100

39 64.4 51.1 76.7

76 37.3 29.1 43.7



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

3.63

100000

80000

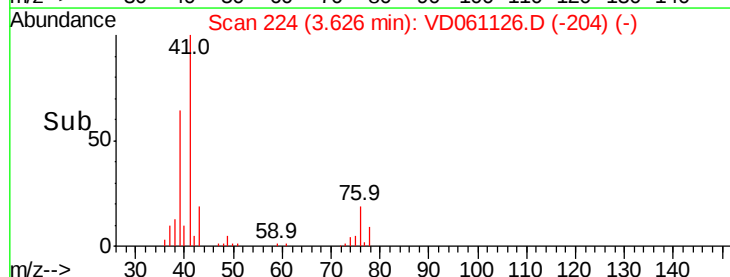
60000

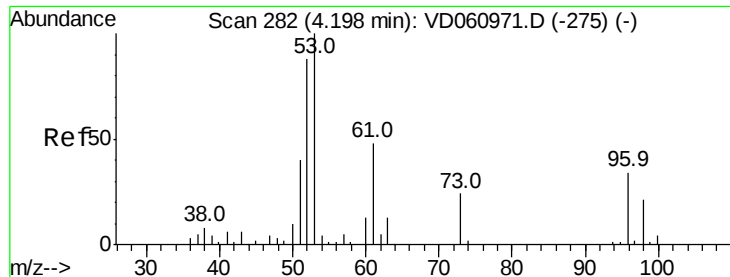
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 102.807 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

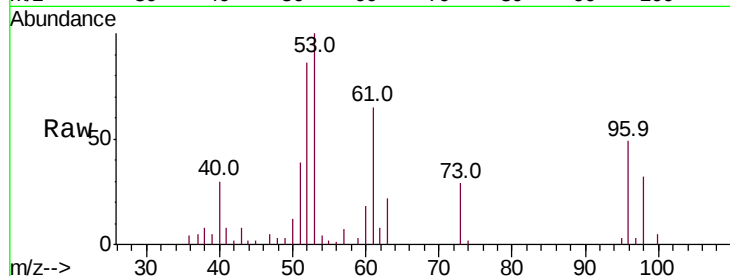
Tot Ion: 53 Resp: 125402

Ion Ratio Lower Upper

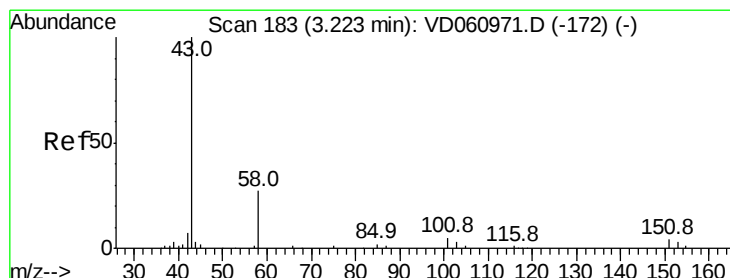
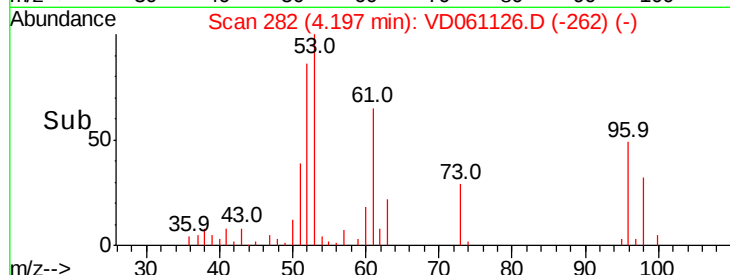
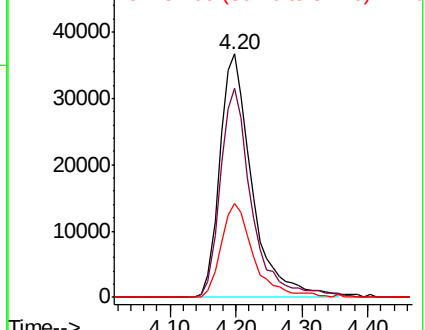
53 100

52 85.7 70.2 105.4

51 38.7 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: 83.422 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061126.D

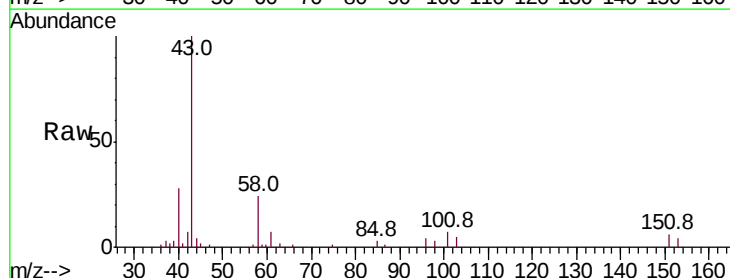
Acq: 17 Mar 2019 00:48

Tgt Ion: 43 Resp: 129325

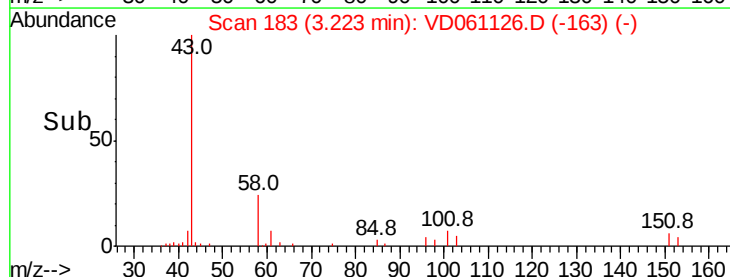
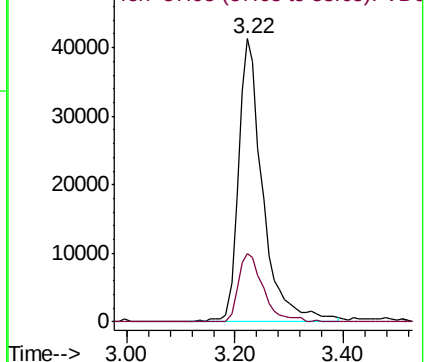
Ion Ratio Lower Upper

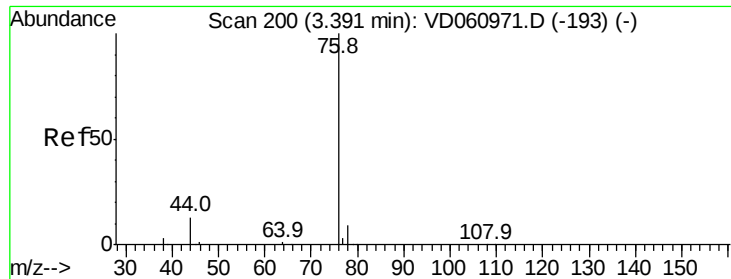
43 100

58 24.0 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: 18.714 ug/l

RT: 3.38 min Scan# 199

Delta R.T. -0.01 min

Lab File: VD061126.D

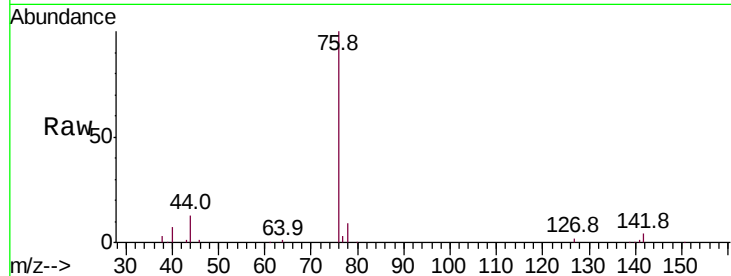
Acq: 17 Mar 2019 00:48

Tot Ion: 76 Resp: 412695

Ion Ratio Lower Upper

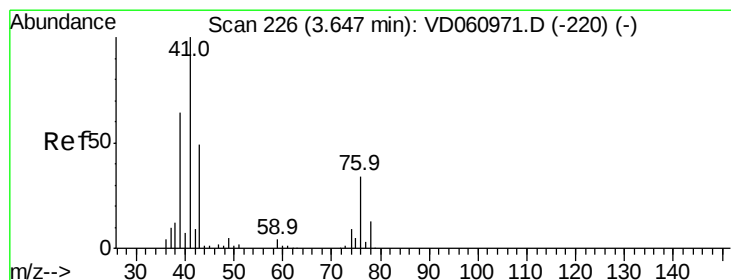
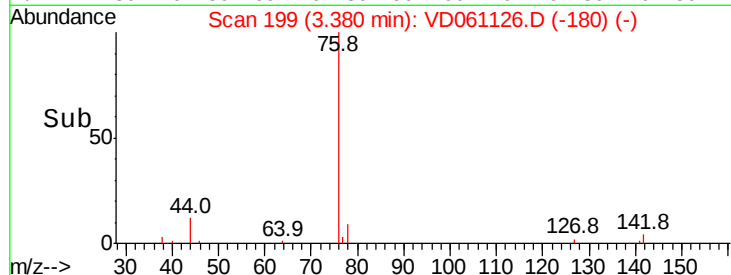
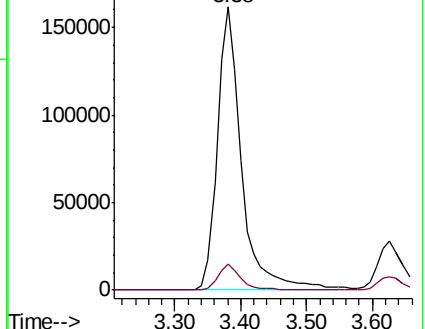
76 100

78 9.1 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 20.658 ug/l

RT: 3.65 min Scan# 226

Delta R.T. -0.00 min

Lab File: VD061126.D

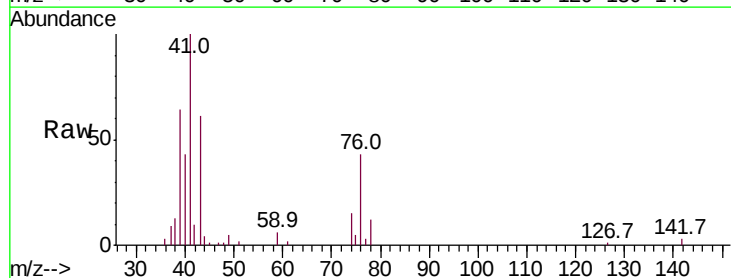
Acq: 17 Mar 2019 00:48

Tgt Ion: 43 Resp: 63026

Ion Ratio Lower Upper

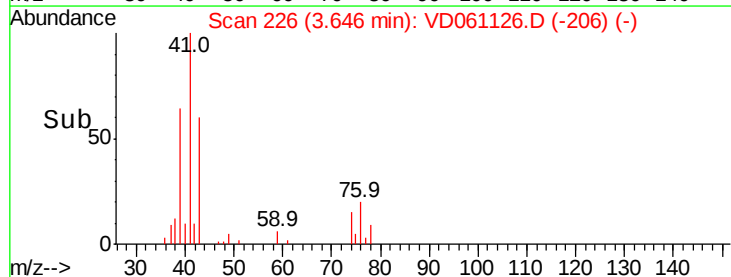
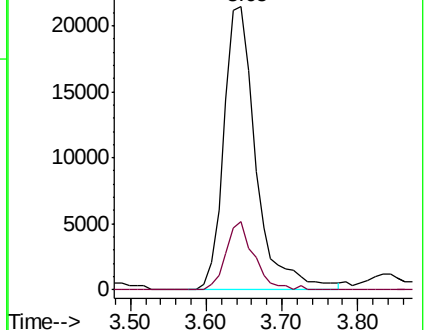
43 100

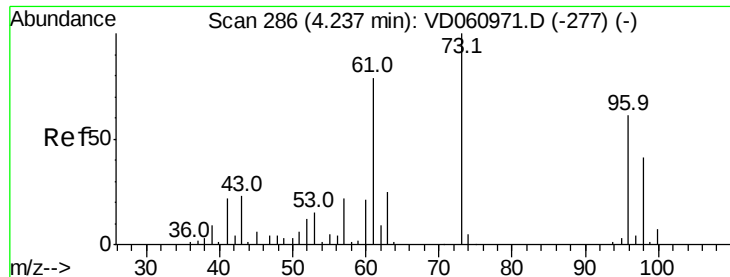
74 24.3 14.6 21.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

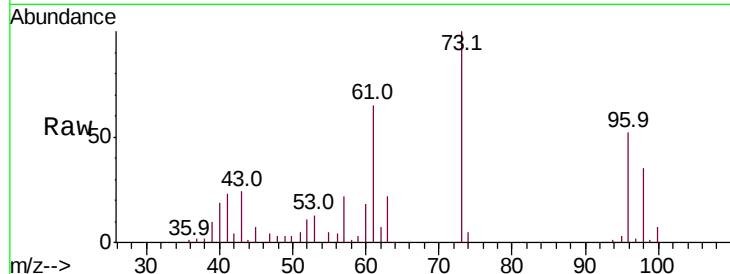




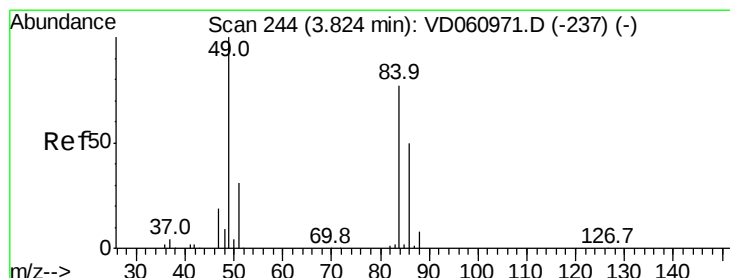
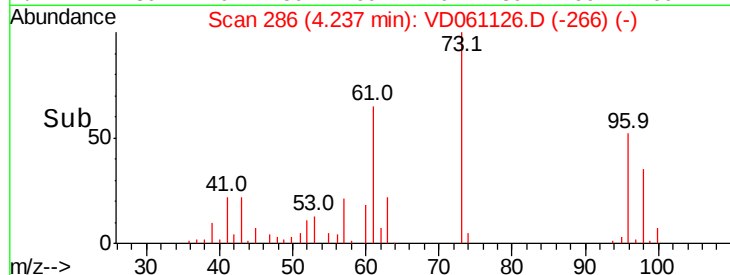
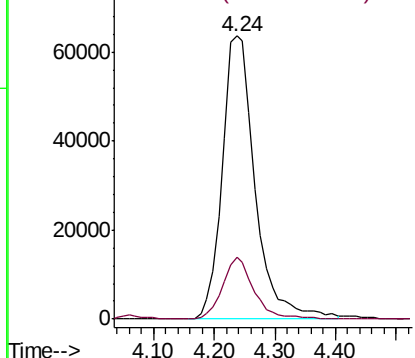
#19

Methyl tert-butyl Ether
 Concen: 20.889 ug/l
 RT: 4.24 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tot Ion: 73 Resp: 239331
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.7 26.5



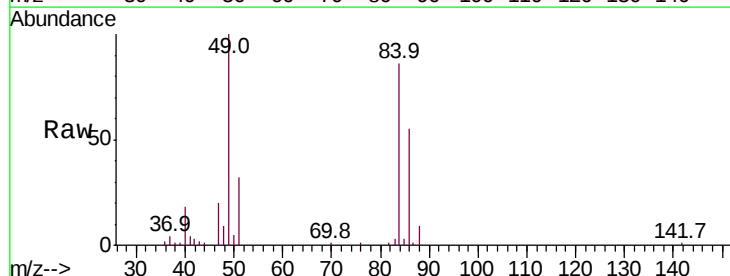
Abundance Ion 73.00 (72.70 to 73.70): VDC
 Ion 57.05 (56.75 to 57.75): VDC



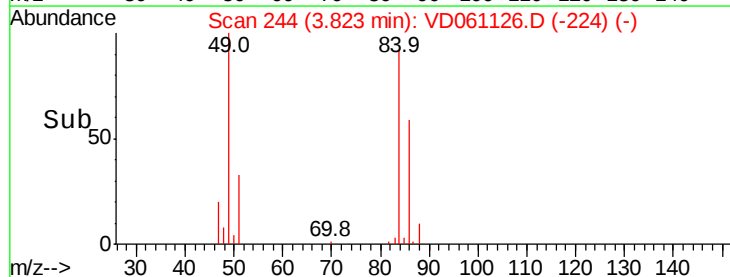
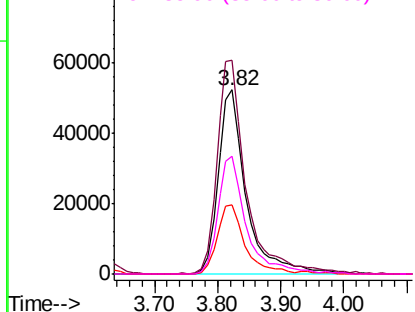
#20

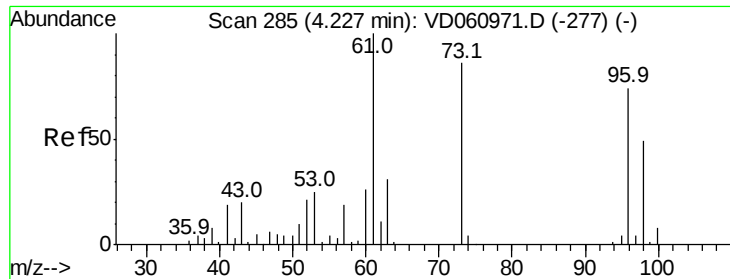
Methylene Chloride
 Concen: 20.028 ug/l
 RT: 3.82 min Scan# 244
 Delta R.T. 0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion: 84 Resp: 161328
 Ion Ratio Lower Upper
 84 100
 49 116.0 104.2 156.2
 51 37.5 32.3 48.5
 86 64.0 52.3 78.5



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





#21

trans-1,2-Dichloroethene

Concen: 20.160 ug/l

RT: 4.23 min Scan# 285

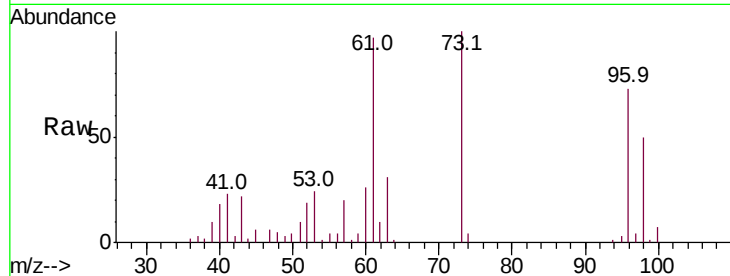
Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

Tot Ion: 96 Resp: 142650

Ion	Ratio	Lower	Upper
96	100		
61	132.6	108.4	162.6
98	68.3	53.0	79.4

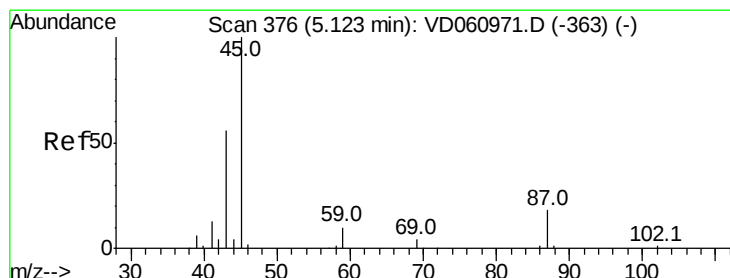
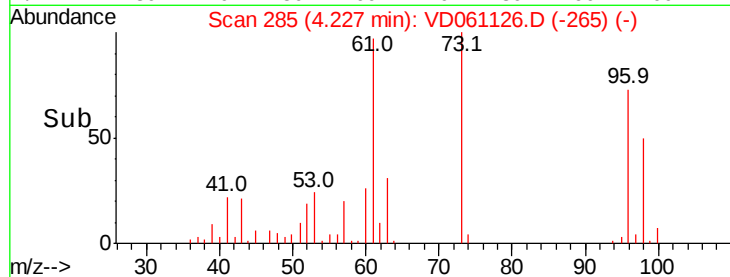
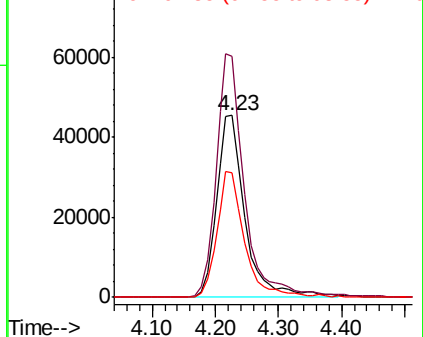


Abundance

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: 19.405 ug/l

RT: 5.11 min Scan# 375

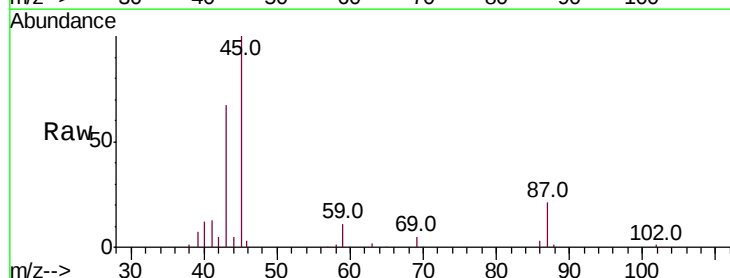
Delta R.T. -0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

Tgt Ion: 45 Resp: 421367

Ion	Ratio	Lower	Upper
45	100		
43	66.8	45.8	68.8
87	20.8	14.9	22.3
59	10.7	8.0	12.0



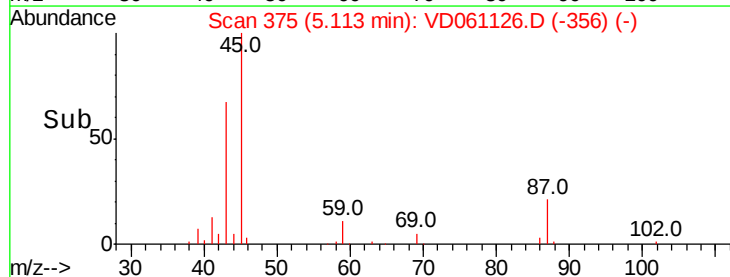
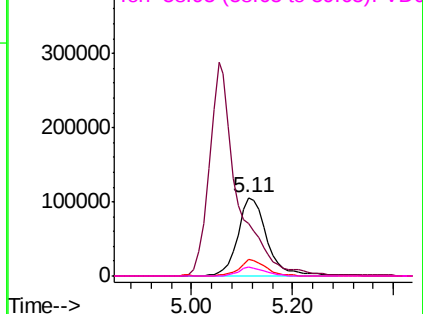
Abundance

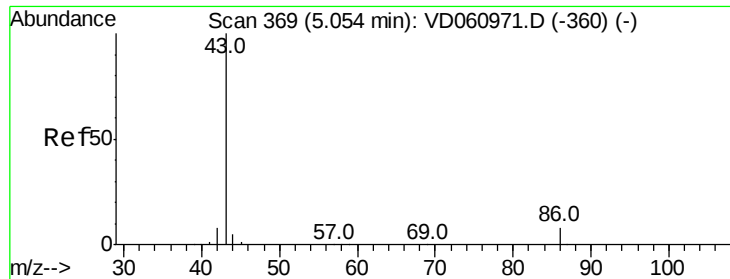
Ion 45.05 (44.75 to 45.75): VDC

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: 99.482 ug/l

RT: 5.05 min Scan# 369

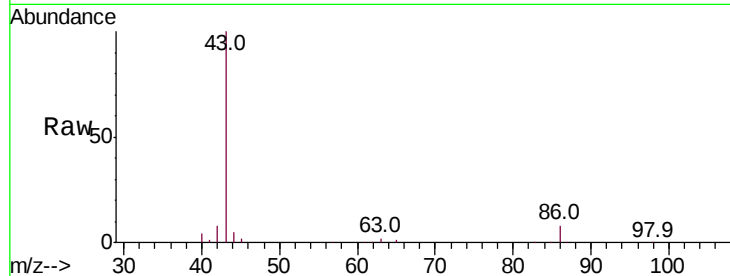
Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

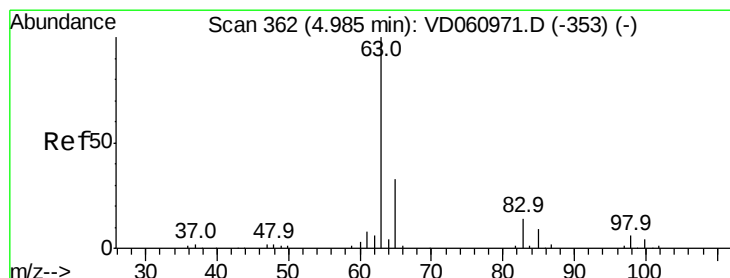
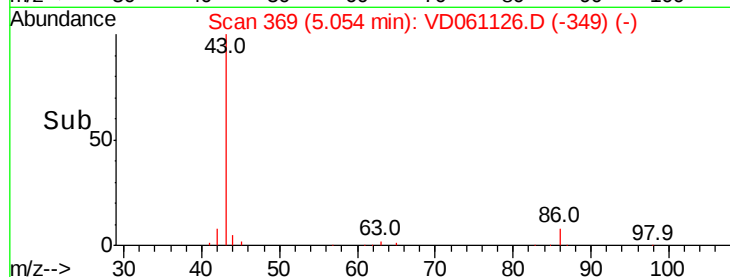
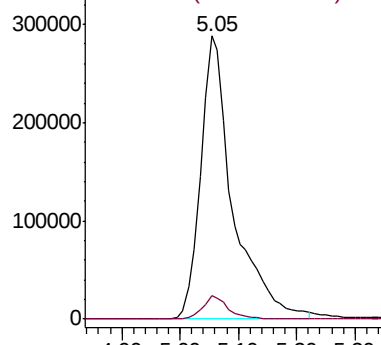
Tot Ion: 43 Resp: 1108907

Ion	Ratio	Lower	Upper
43	100		
86	8.2	6.2	9.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.254 ug/l

RT: 4.98 min Scan# 362

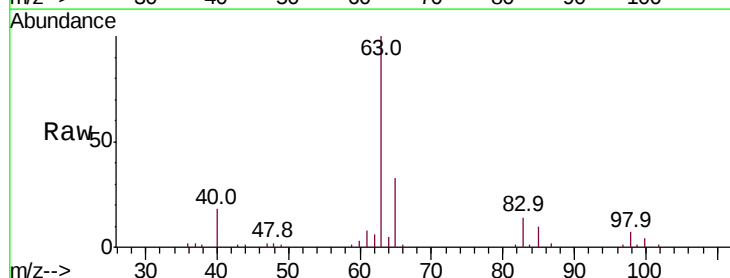
Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

Tgt Ion: 63 Resp: 240964

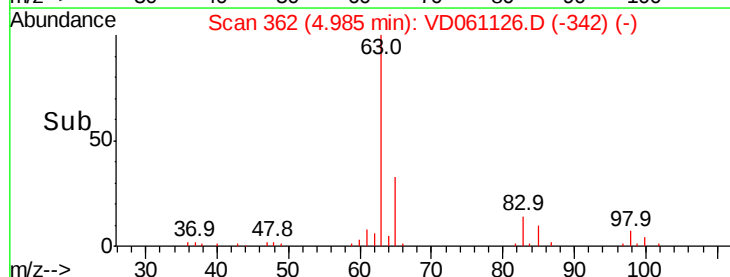
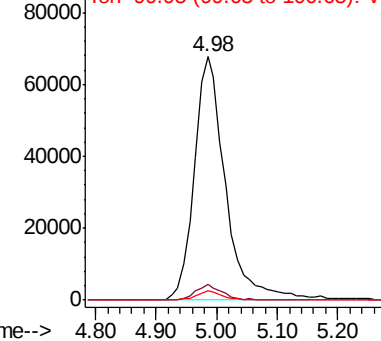
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.0	9.2
100	3.7	2.0	5.8

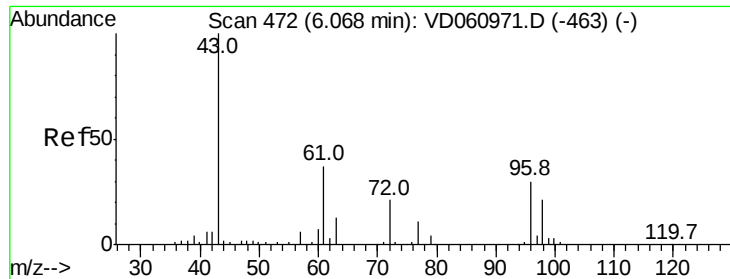


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 93.739 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.00 min

Lab File: VD061126.D

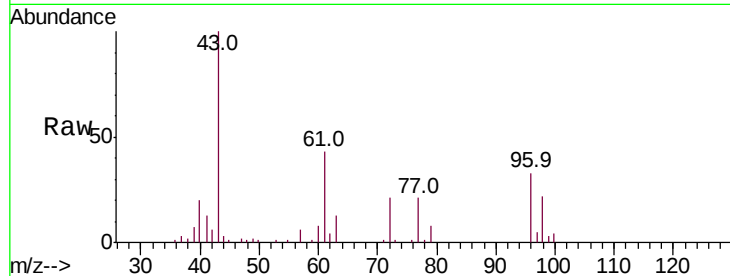
Acq: 17 Mar 2019 00:48

Tot Ion: 43 Resp: 164896

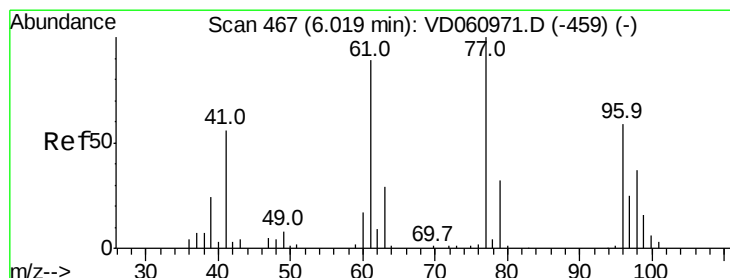
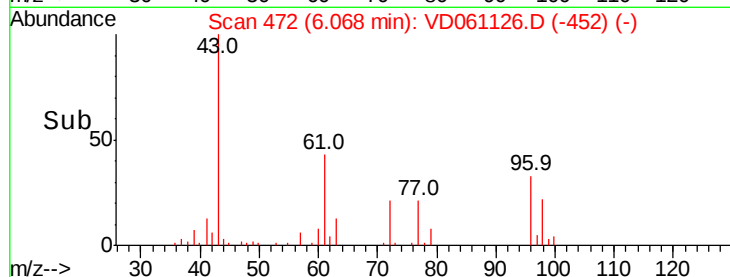
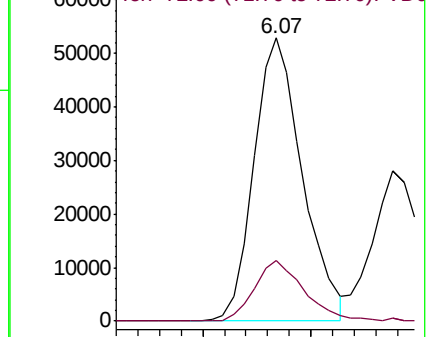
Ion Ratio Lower Upper

43 100

72 21.3 16.7 25.1



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 18.635 ug/l

RT: 6.03 min Scan# 468

Delta R.T. 0.01 min

Lab File: VD061126.D

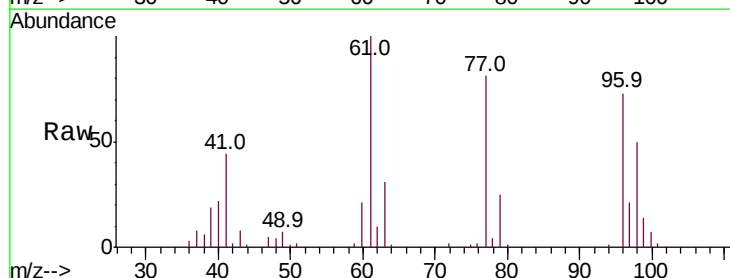
Acq: 17 Mar 2019 00:48

Tgt Ion: 77 Resp: 173074

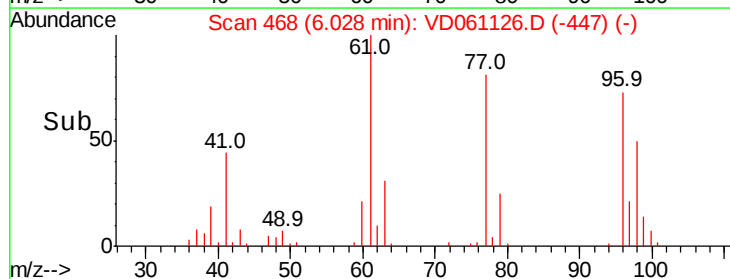
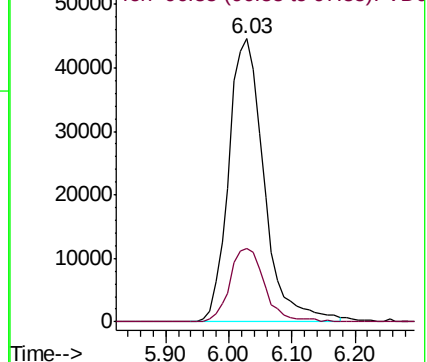
Ion Ratio Lower Upper

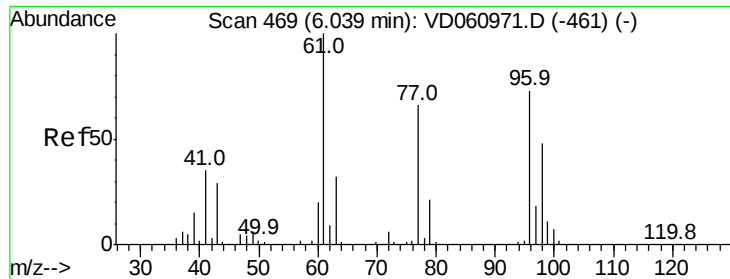
77 100

97 25.9 12.6 37.6



Abundance Ion 76.95 (76.65 to 77.65): VDC
Ion 96.85 (96.55 to 97.55): VDC





#27

cis-1,2-Dichloroethene

Concen: 20.518 ug/l

RT: 6.04 min Scan# 469

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

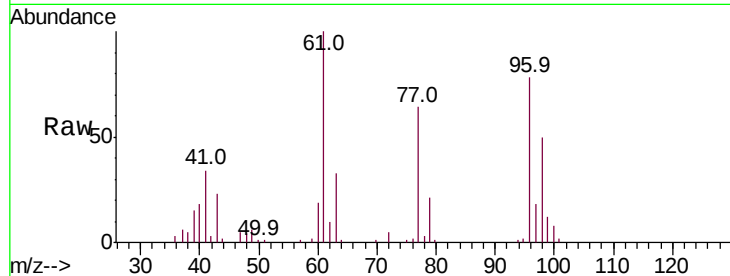
Tot Ion: 96 Resp: 154042

Ion Ratio Lower Upper

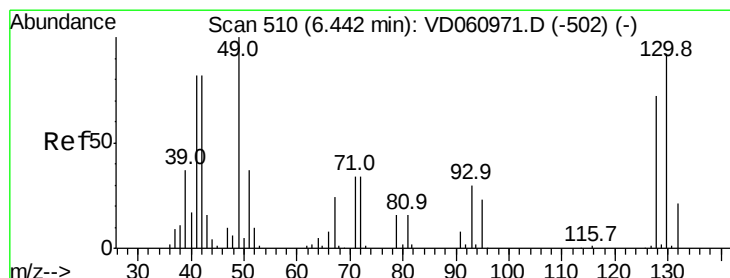
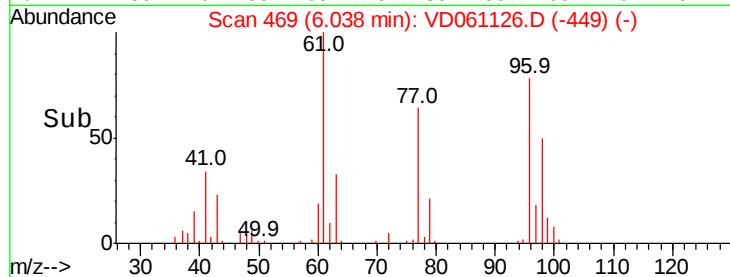
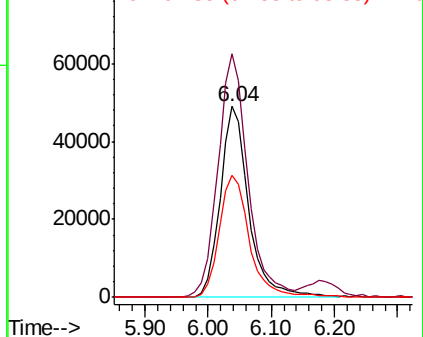
96 100

61 127.5 0.0 273.6

98 64.0 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: 18.889 ug/l

RT: 6.44 min Scan# 510

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

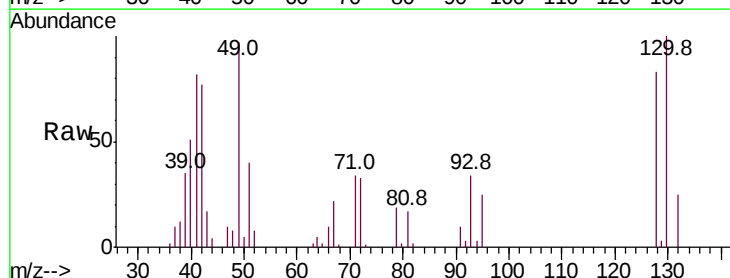
Tgt Ion: 49 Resp: 95138

Ion Ratio Lower Upper

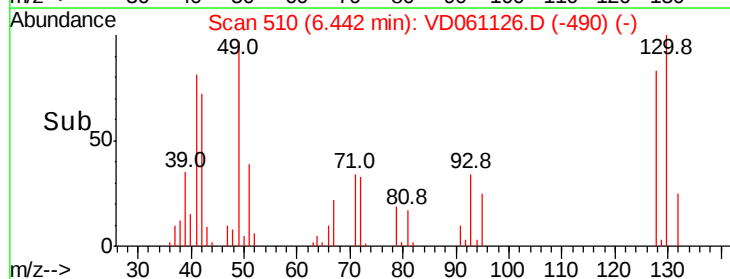
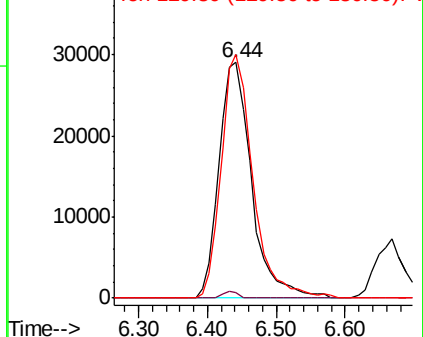
49 100

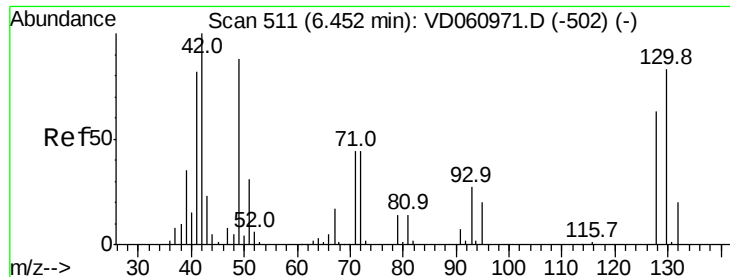
129 2.6 0.0 4.0

130 103.4 73.8 110.8



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





#29

Tetrahydrofuran

Concen: 98.117 ug/l

RT: 6.46 min Scan# 512

Delta R.T. 0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

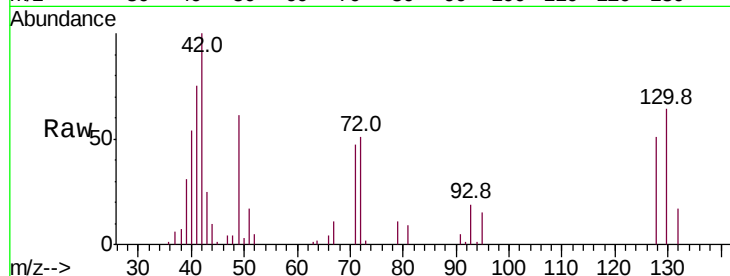
Tot Ion: 42 Resp: 93720

Ion Ratio Lower Upper

42 100

72 46.5 34.5 51.7

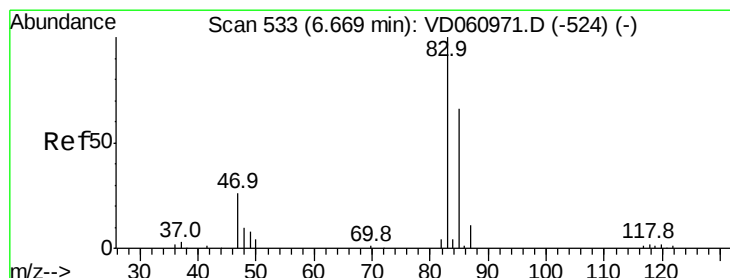
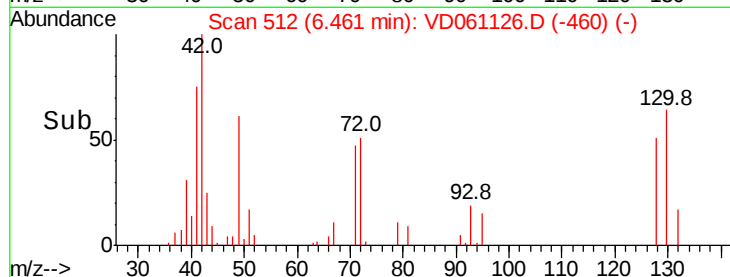
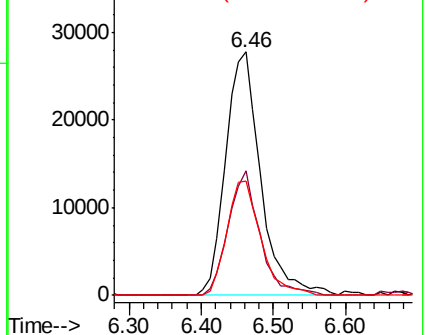
71 45.6 33.8 50.6



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: 20.809 ug/l

RT: 6.67 min Scan# 533

Delta R.T. -0.00 min

Lab File: VD061126.D

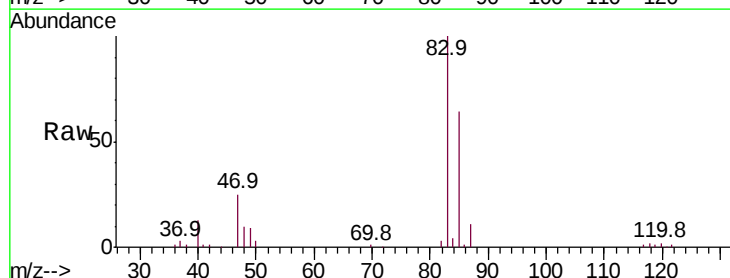
Acq: 17 Mar 2019 00:48

Tgt Ion: 83 Resp: 256589

Ion Ratio Lower Upper

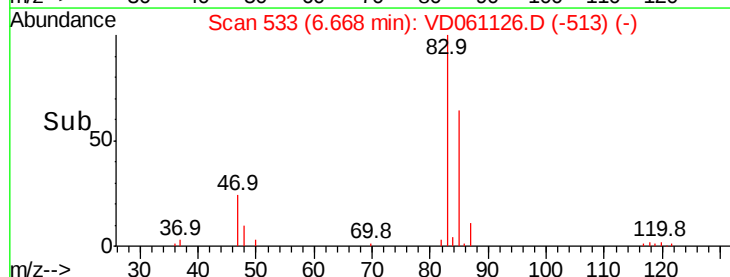
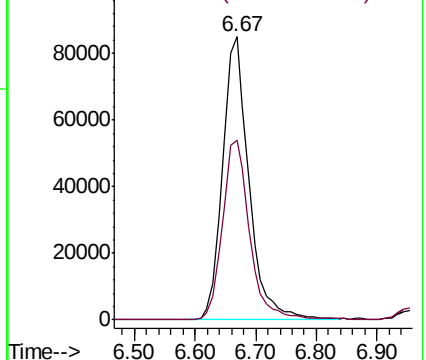
83 100

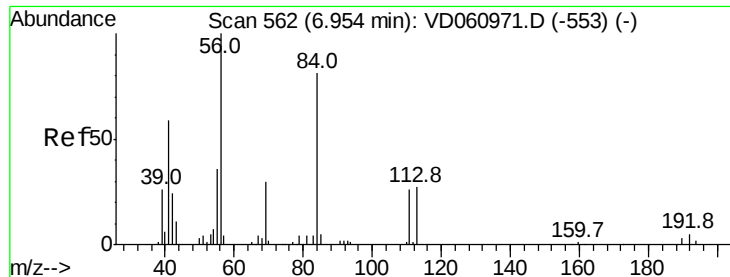
85 63.5 53.0 79.4



Abundance Ion 82.95 (82.65 to 83.65): VDC

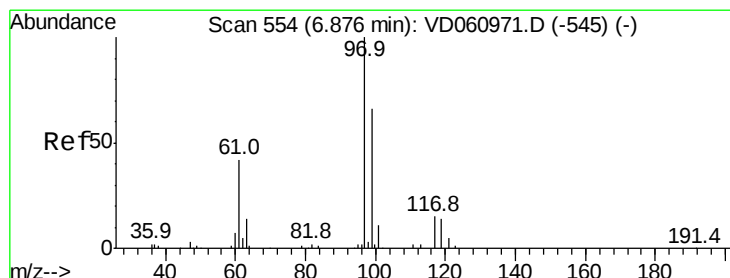
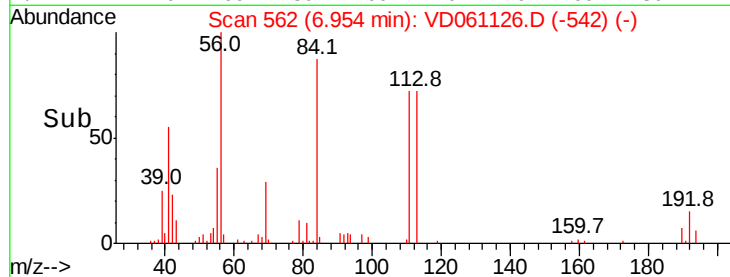
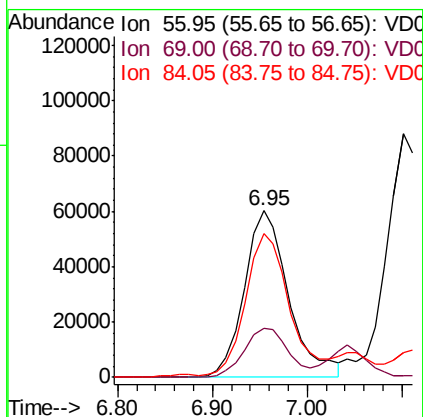
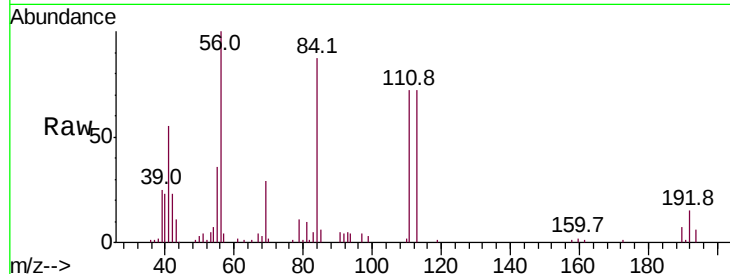
Ion 84.95 (84.65 to 85.65): VDC





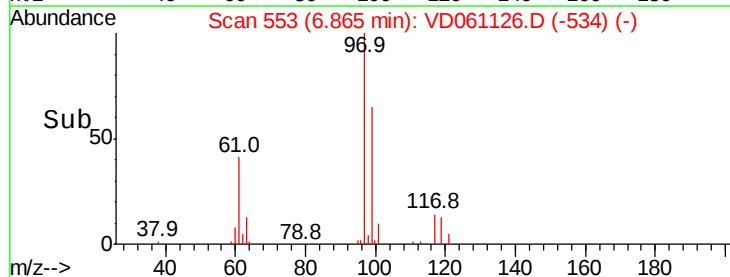
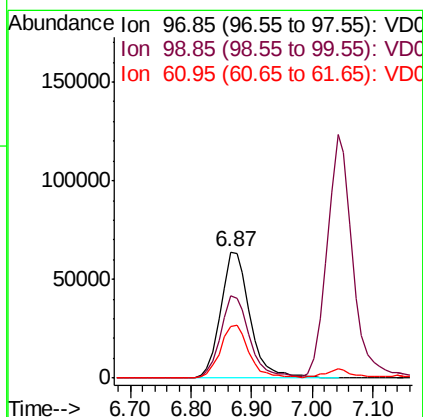
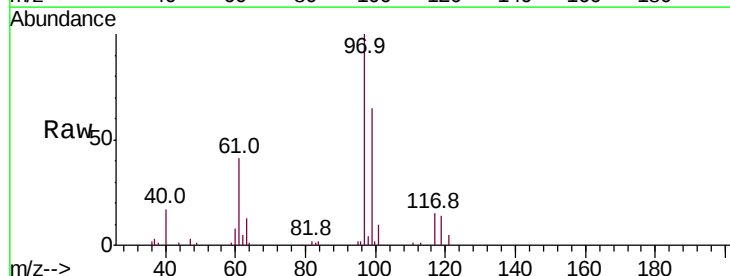
#31
Cvclohexane
Concen: 20.399 ug/l
RT: 6.95 min Scan# 562
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

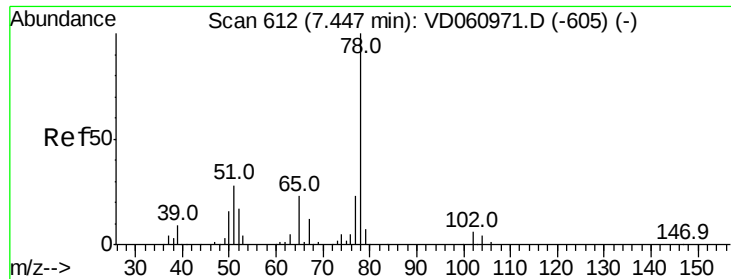
Tot Ion	56	69	84	Resp	195691
Ion	56	69	84	Ratio	Lower Upper
	100	29.3	86.5		24.0 36.0 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 20.174 ug/l
RT: 6.87 min Scan# 553
Delta R.T. -0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion	97	99	61	Resp	215060
Ion	97	99	61	Ratio	Lower Upper
	100	65.2	41.0		53.2 79.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 20.174 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061126.D

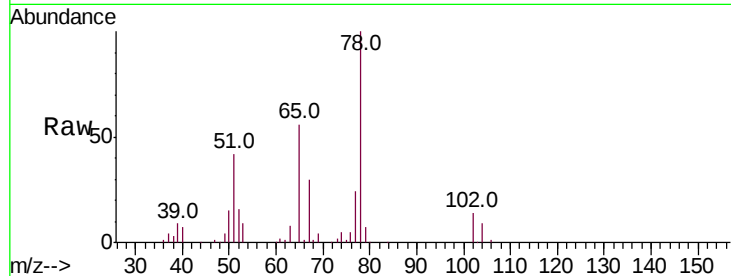
Acq: 17 Mar 2019 00:48

Tot Ion: 65 Resp: 246946

Ion Ratio Lower Upper

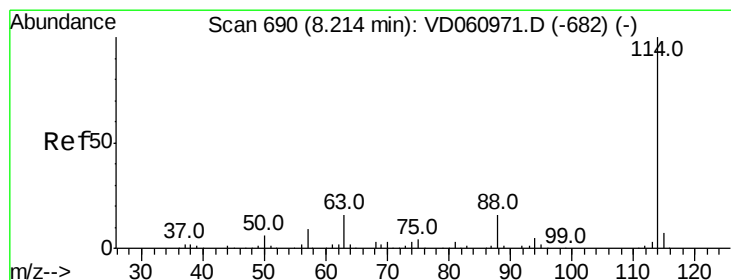
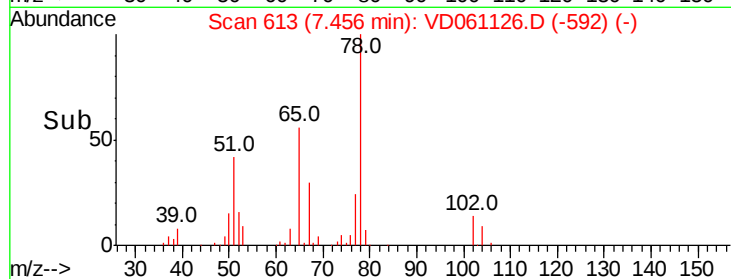
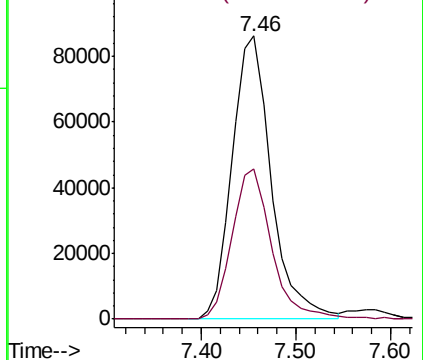
65 100

67 53.2 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

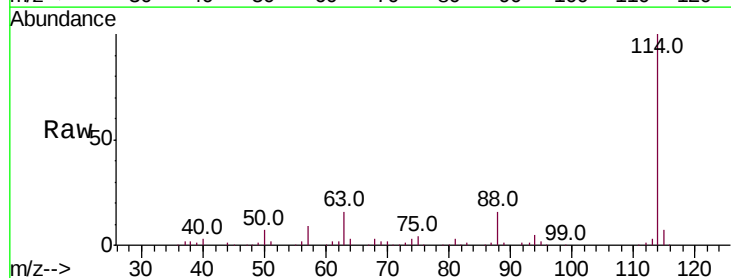
Tgt Ion:114 Resp: 1105255

Ion Ratio Lower Upper

114 100

63 16.0 0.0 31.4

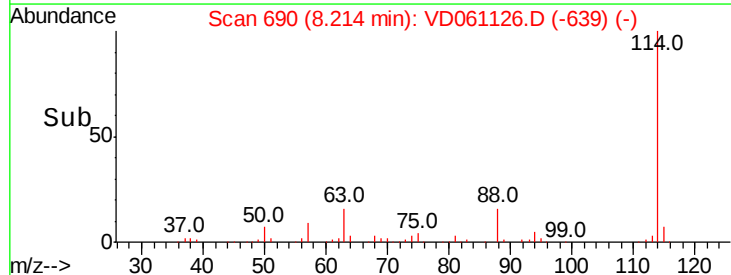
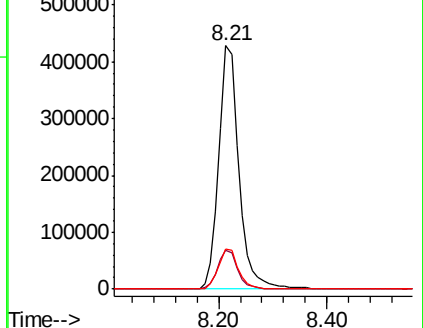
88 16.4 0.0 33.0

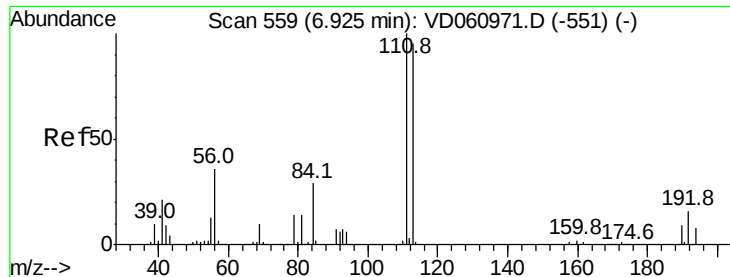


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

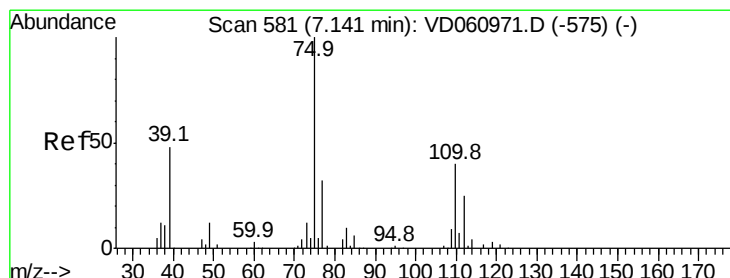
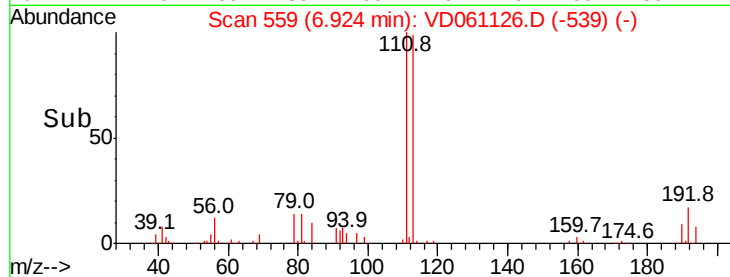
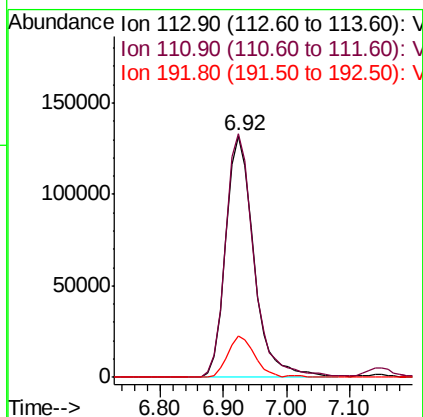
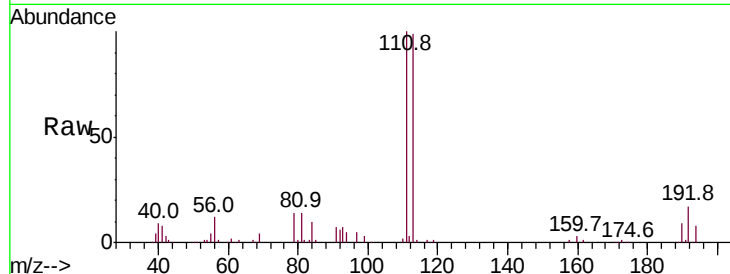
Ion 87.90 (87.60 to 88.60): VDC





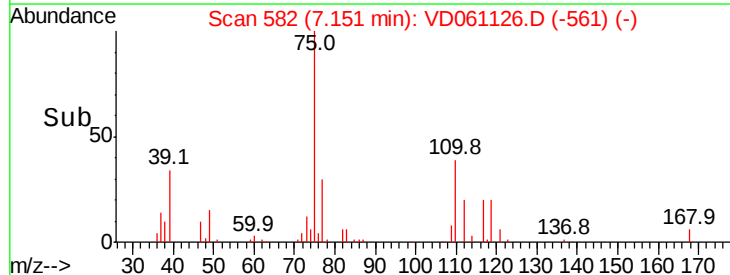
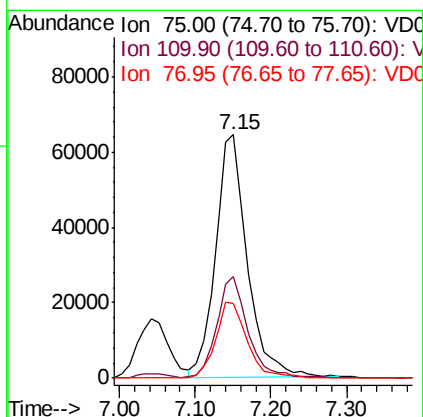
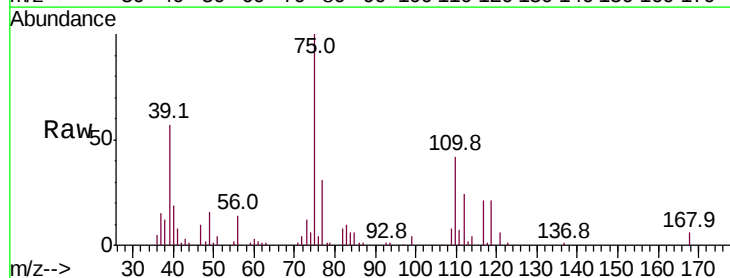
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

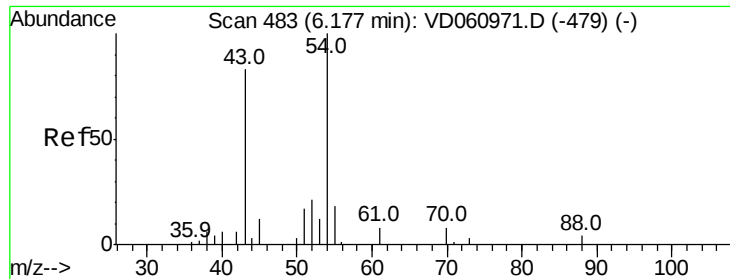
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	84.2	126.4
192	17.0	13.1	19.7



#36
 1,1-Dichloropropene
 Concen: 19.523 ug/l
 RT: 7.15 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

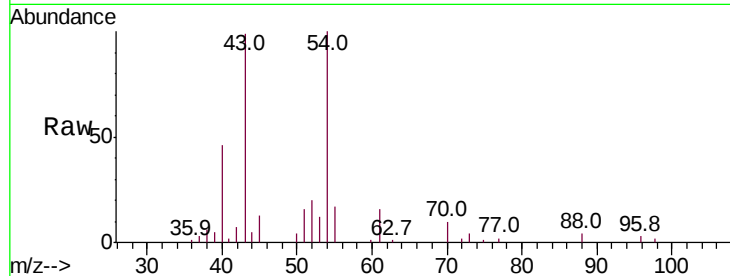
Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.5	19.7	59.1
77	30.9	24.7	37.1



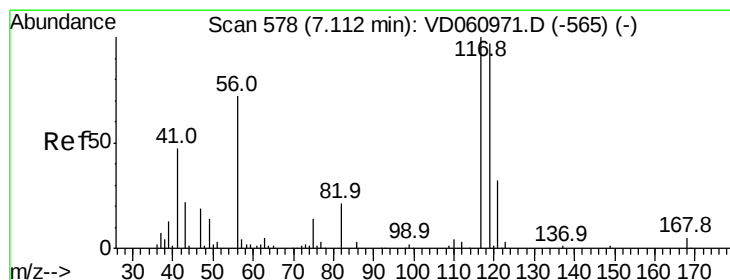
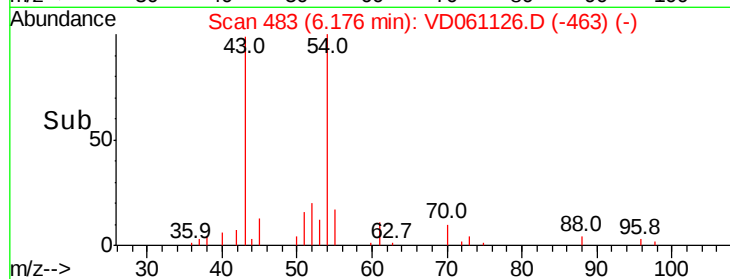
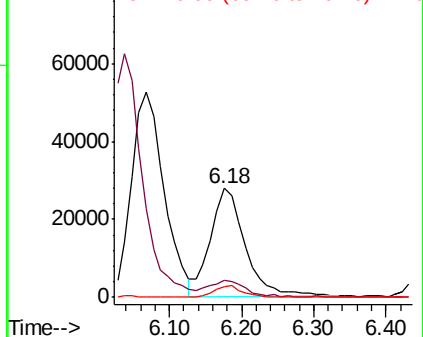


#37
Ethyl Acetate
Concen: 20.665 ug/l
RT: 6.18 min Scan# 483
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tot Ion: 43 Resp: 92389
Ion Ratio Lower Upper
43 100
61 15.8 13.7 20.5
70 9.8 7.1 10.7

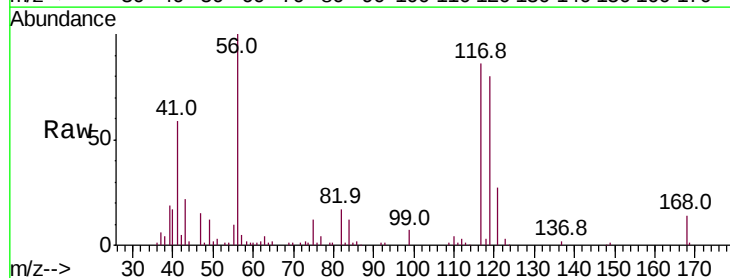


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

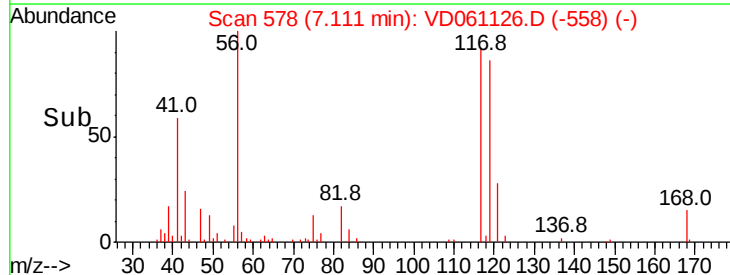
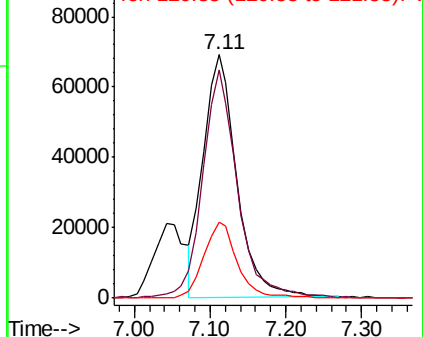


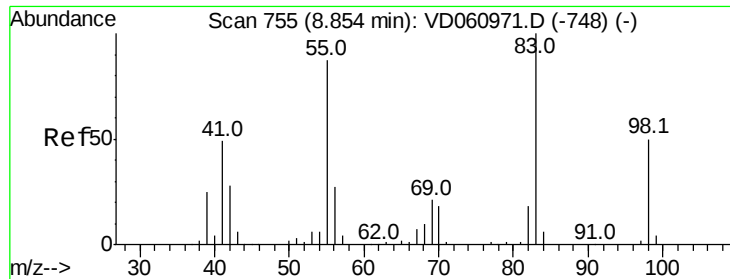
#38
Carbon Tetrachloride
Concen: 20.212 ug/l
RT: 7.11 min Scan# 578
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion: 117 Resp: 212118
Ion Ratio Lower Upper
117 100
119 94.0 77.8 116.8
121 31.0 25.3 37.9



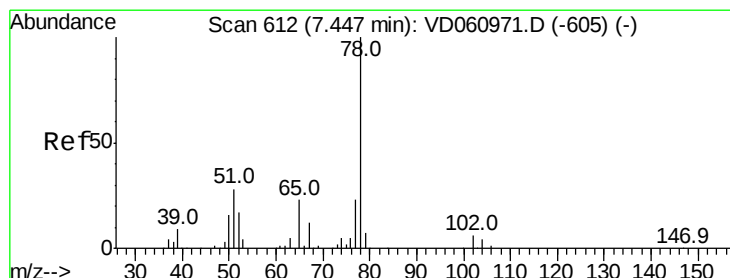
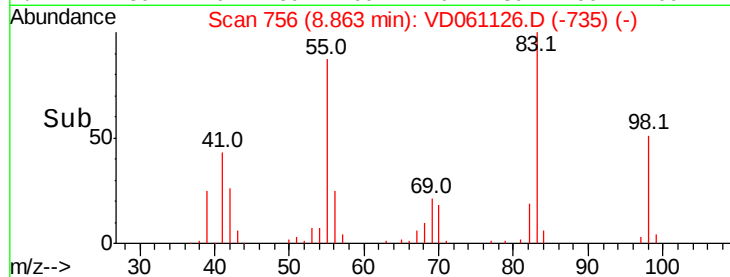
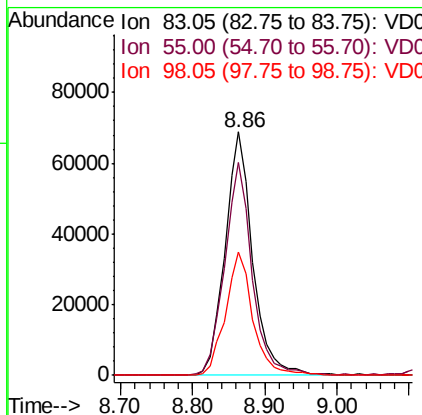
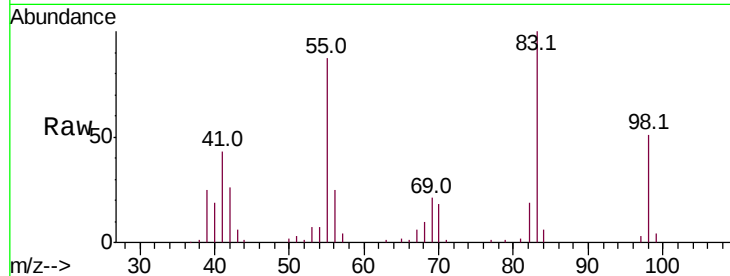
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V





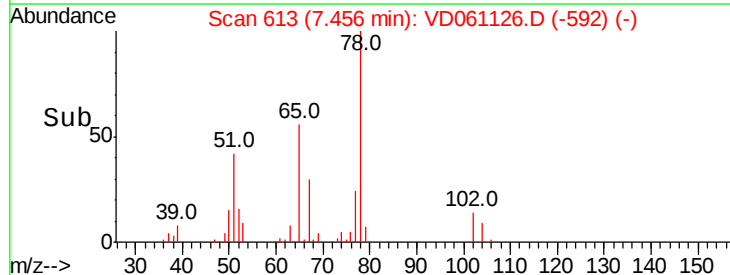
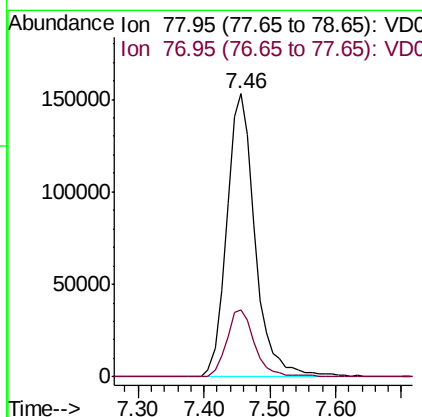
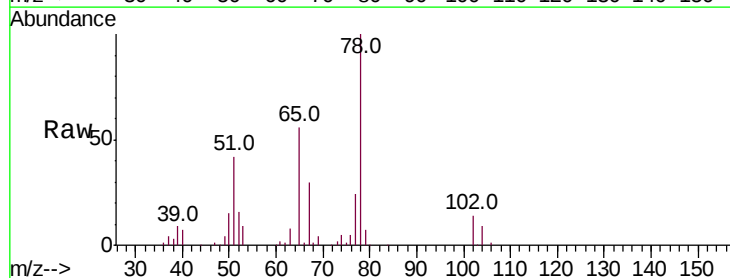
#39
Methvlcvclohexane
Concen: 18.503 ug/l
RT: 8.86 min Scan# 756
Delta R.T. 0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

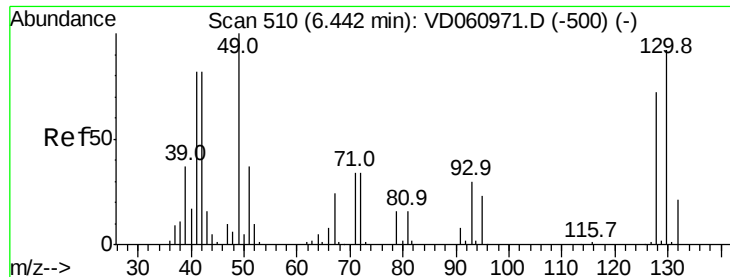
Tot Ion: 83 Resp: 182790
Ion Ratio Lower Upper
83 100
55 87.4 69.6 104.4
98 50.7 40.0 60.0



#40
Benzene
Concen: 19.303 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion: 78 Resp: 459529
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2





#41

Methacrylonitrile

Concen: 20.005 ug/l

RT: 6.44 min Scan# 510

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

Tot Ion: 41 Resp: 102873

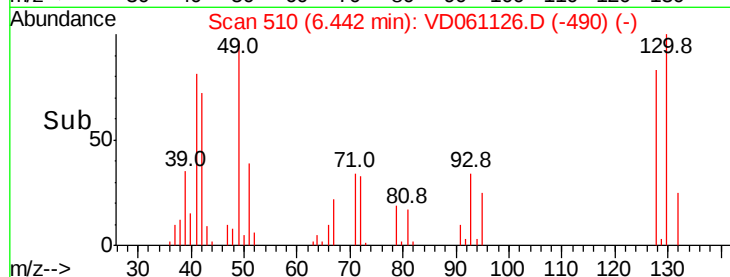
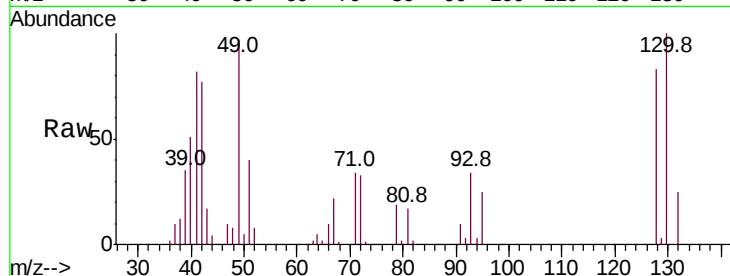
Ion	Ratio	Lower	Upper
41	100		
39	43.0	35.7	53.5
67	26.7	23.0	34.6
52	10.0	9.2	13.8

41 100

39 43.0 35.7 53.5

67 26.7 23.0 34.6

52 10.0 9.2 13.8

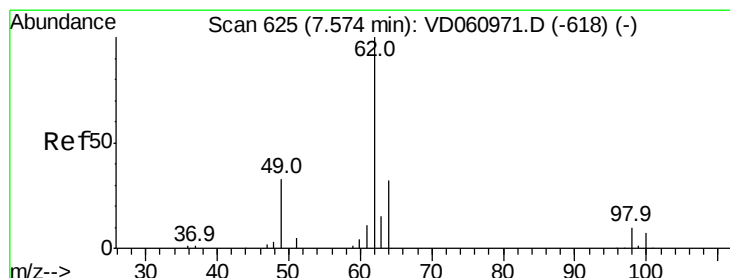
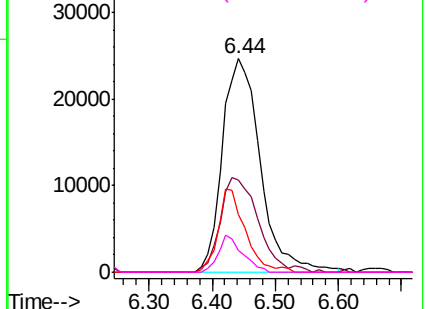


Abundance Ion 40.95 (40.65 to 41.65): VDC

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: 20.926 ug/l

RT: 7.57 min Scan# 625

Delta R.T. -0.00 min

Lab File: VD061126.D

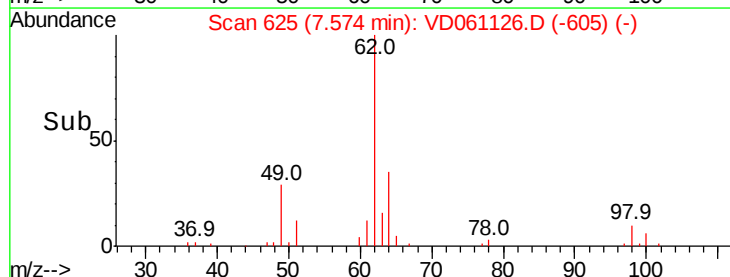
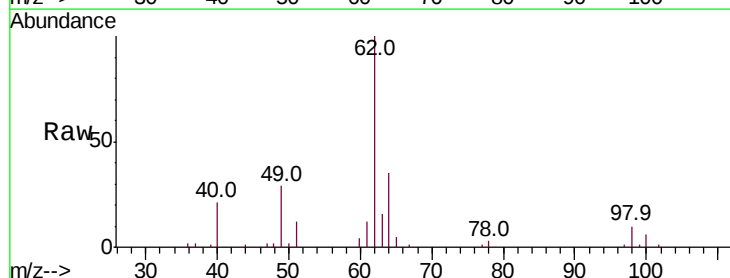
Acq: 17 Mar 2019 00:48

Tgt Ion: 62 Resp: 144563

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4

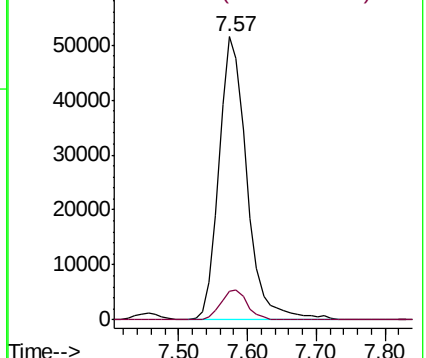
62 100

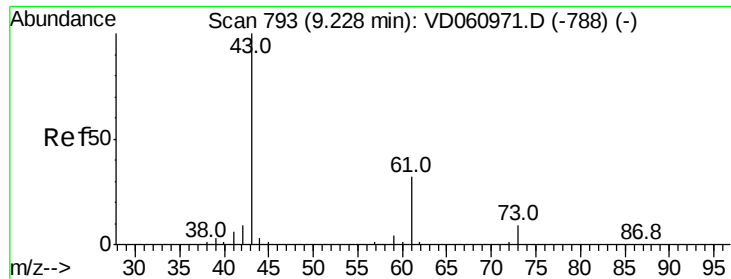
98 10.3 0.0 20.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 19.544 ug/l

RT: 9.24 min Scan# 794

Delta R.T. 0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

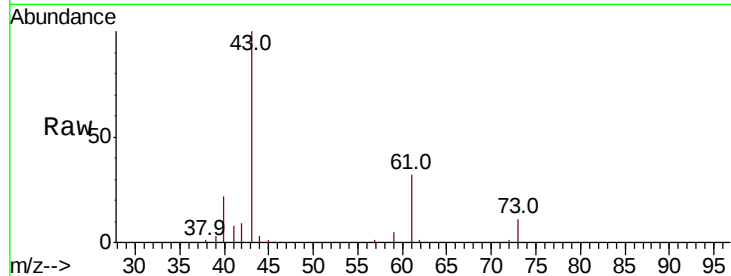
Tot Ion: 43 Resp: 121019

Ion Ratio Lower Upper

43 100

61 32.4 25.6 38.4

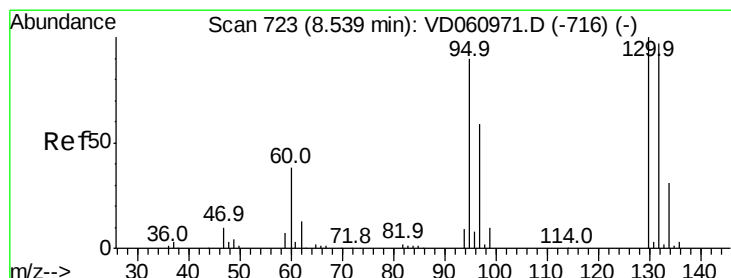
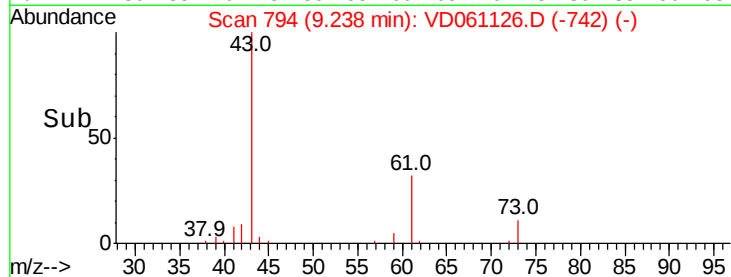
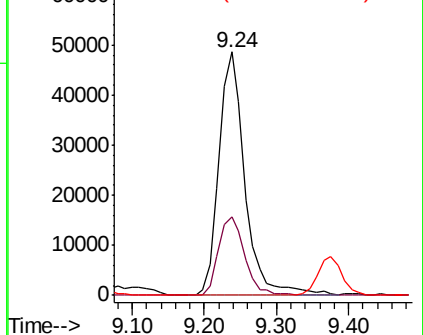
87 0.0 0.2 0.4#



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: 20.161 ug/l

RT: 8.54 min Scan# 723

Delta R.T. -0.00 min

Lab File: VD061126.D

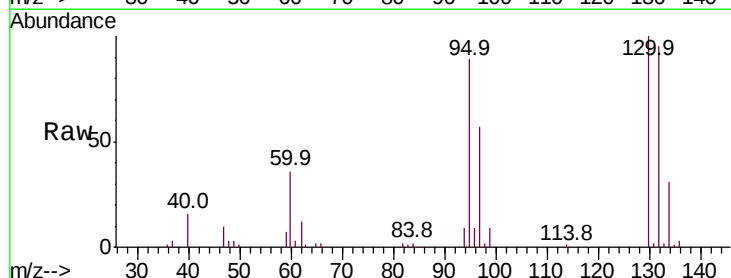
Acq: 17 Mar 2019 00:48

Tgt Ion:130 Resp: 165581

Ion Ratio Lower Upper

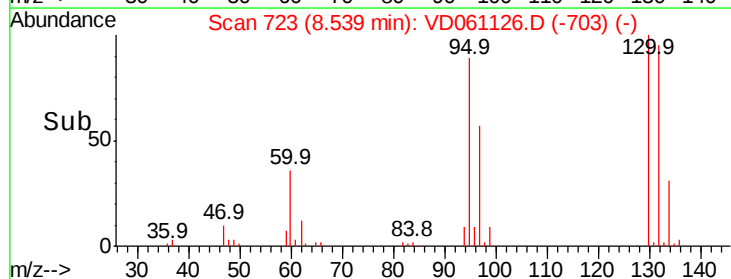
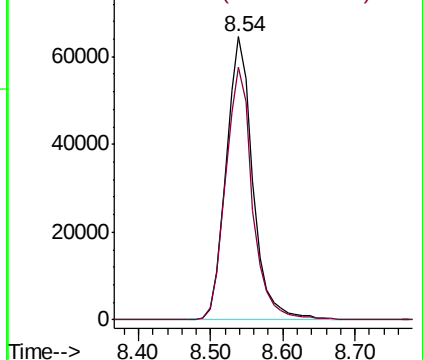
130 100

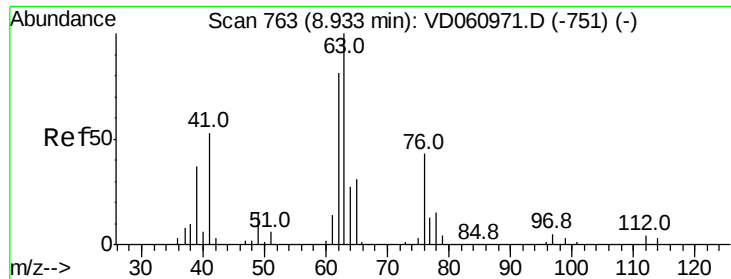
95 89.5 0.0 179.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 18.939 ug/l

RT: 8.94 min Scan# 764

Delta R.T. 0.01 min

Lab File: VD061126.D

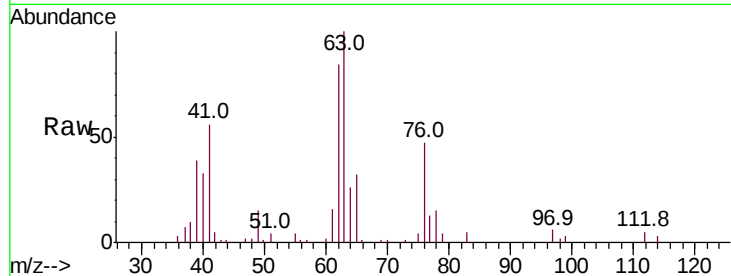
Acq: 17 Mar 2019 00:48

Tot Ion: 63 Resp: 118449

Ion Ratio Lower Upper

63 100

65 31.6 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

40000

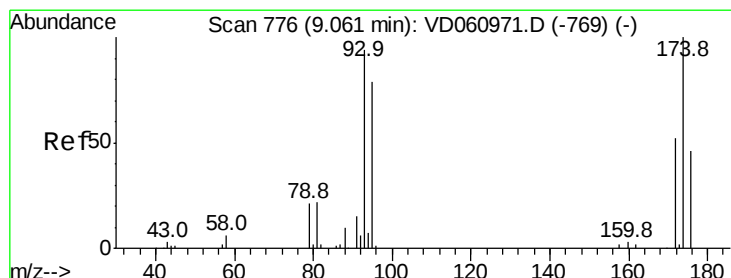
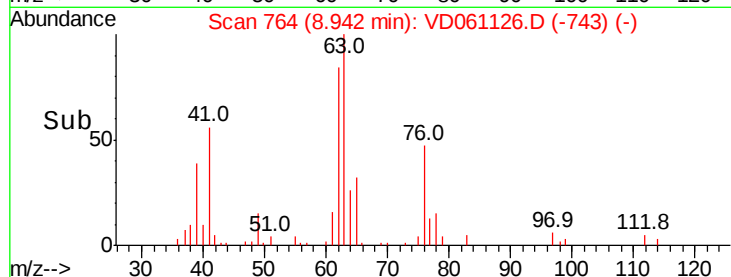
30000

20000

10000

0

Time--> 8.80 8.90 9.00 9.10



#46

Dibromomethane

Concen: 20.492 ug/l

RT: 9.06 min Scan# 776

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

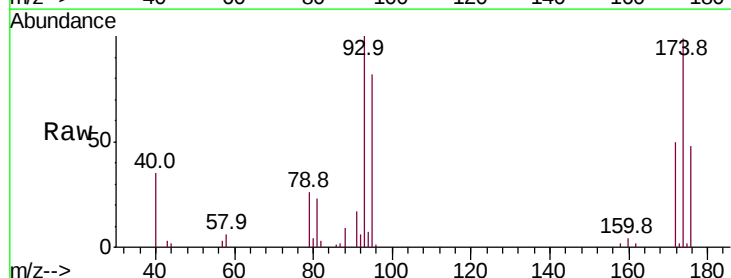
Tgt Ion: 93 Resp: 81298

Ion Ratio Lower Upper

93 100

95 81.5 67.4 101.0

174 99.3 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

9.06

40000

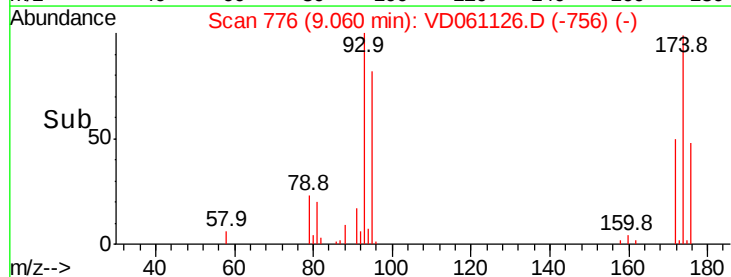
30000

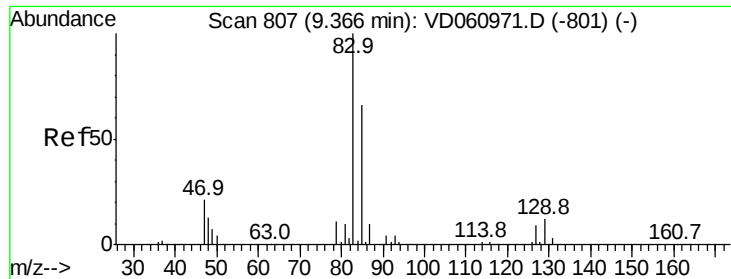
20000

10000

0

Time--> 9.00 9.10 9.20





#47

Bromodichloromethane

Concen: 19.286 ug/l

RT: 9.38 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

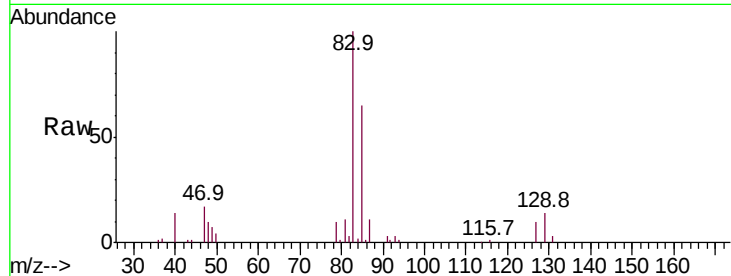
Tot Ion: 83 Resp: 172655

Ion Ratio Lower Upper

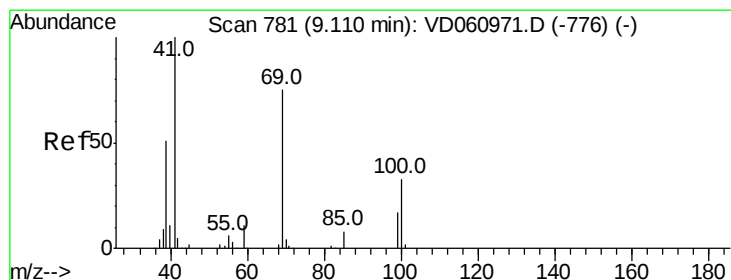
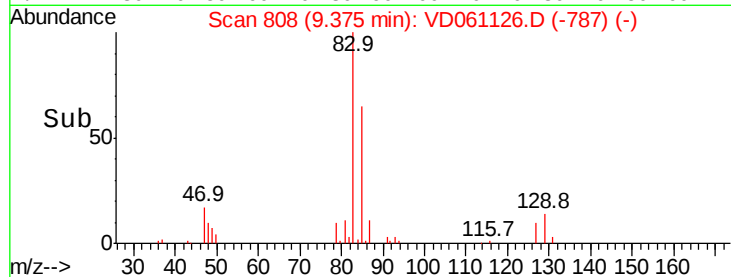
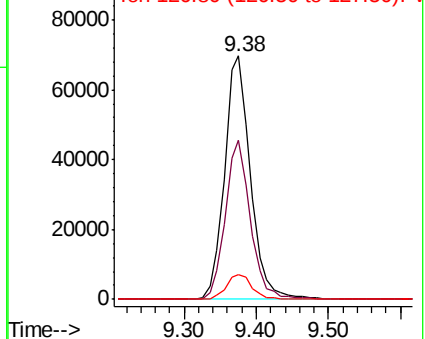
83 100

85 65.3 52.5 78.7

127 10.1 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: 19.708 ug/l

RT: 9.12 min Scan# 782

Delta R.T. 0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

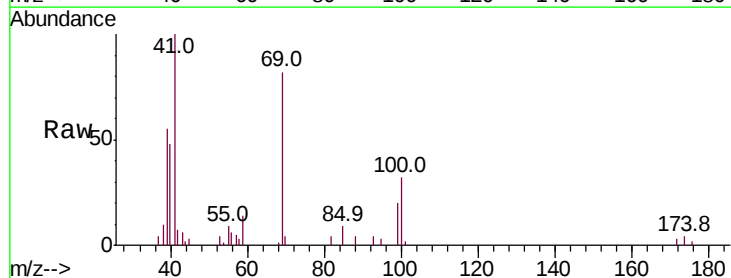
Tgt Ion: 41 Resp: 68710

Ion Ratio Lower Upper

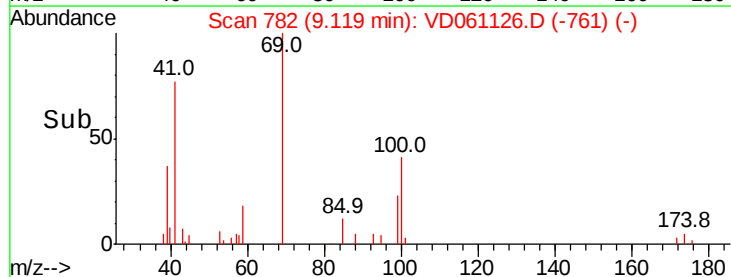
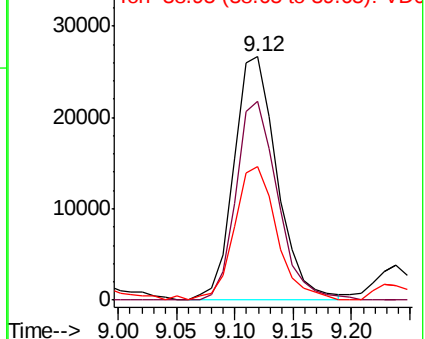
41 100

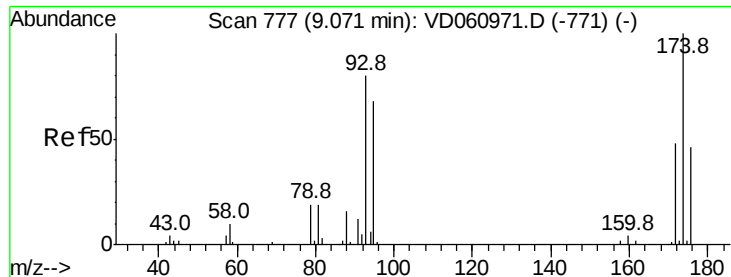
69 81.5 59.9 89.9

39 55.0 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: 422.365 ug/l

RT: 9.08 min Scan# 778

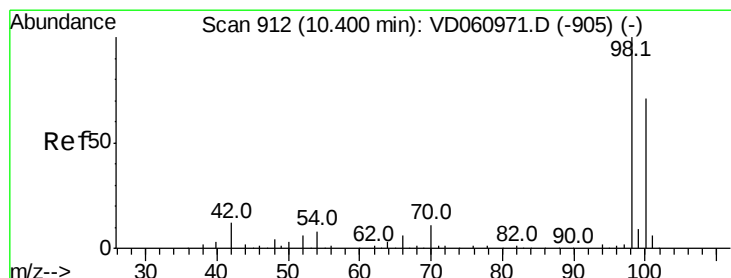
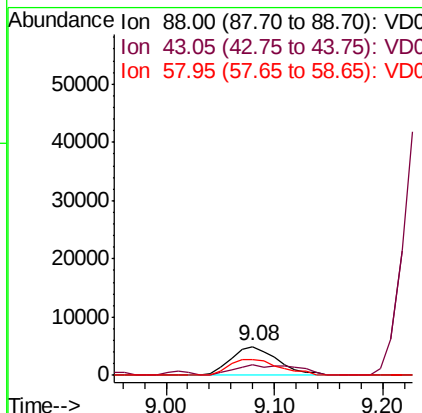
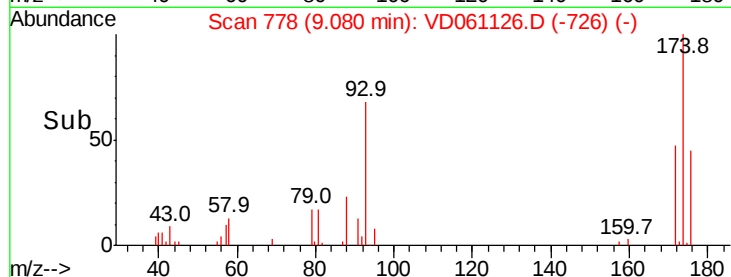
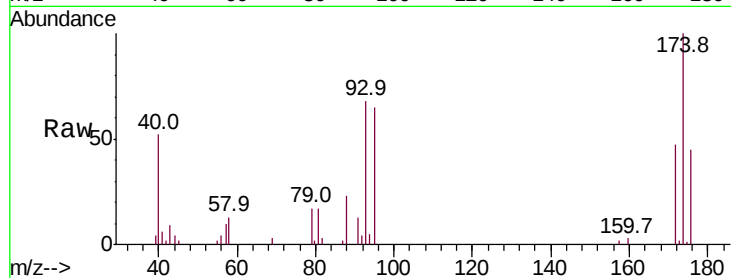
Delta R.T. 0.01 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

Tot Ion: 88 Resp: 14890

Ion	Ratio	Lower	Upper
88	100		
43	37.8	21.0	31.6#
58	56.8	48.6	72.8



#50

Toluene-d8

Concen: 422.365 ug/l

RT: 10.41 min Scan# 913

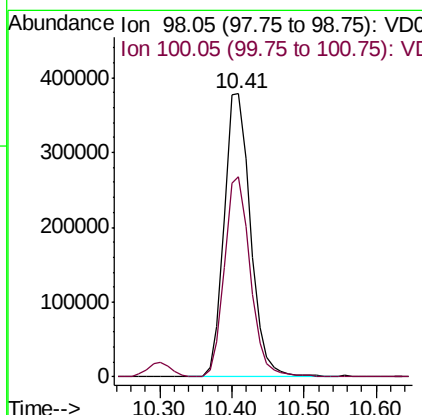
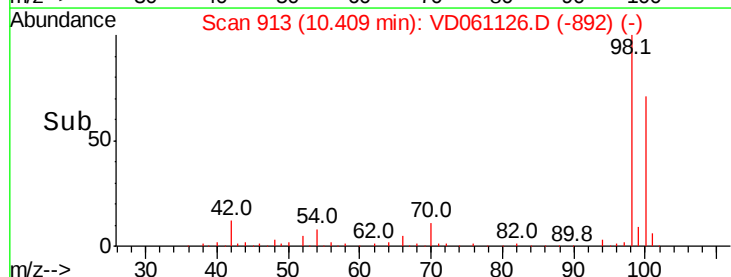
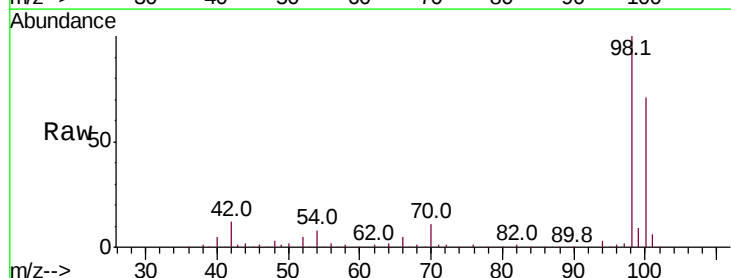
Delta R.T. 0.01 min

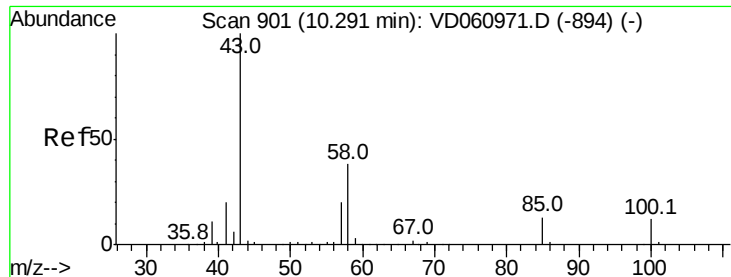
Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

Tgt Ion: 98 Resp: 961465

Ion	Ratio	Lower	Upper
98	100		
100	70.5	57.4	86.2





#51

4-Methyl-2-Pentanone

Concen: 99.259 ug/l

RT: 10.29 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD061126.D

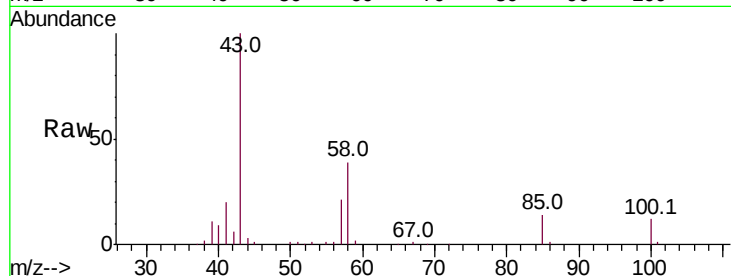
Acq: 17 Mar 2019 00:48

Tot Ion: 43 Resp: 376538

Ion Ratio Lower Upper

43 100

58 39.4 30.2 45.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.29

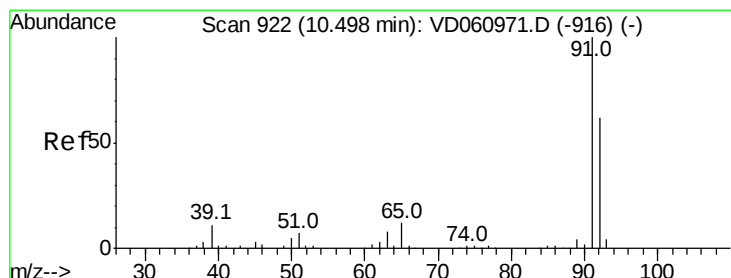
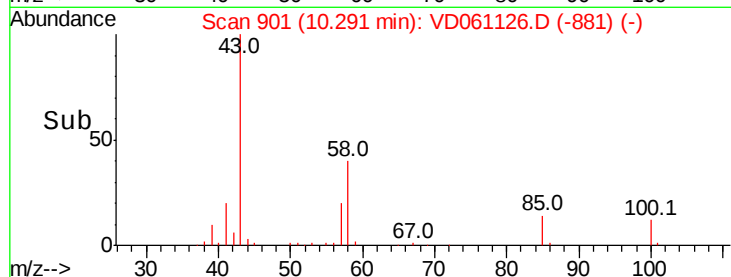
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.534 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD061126.D

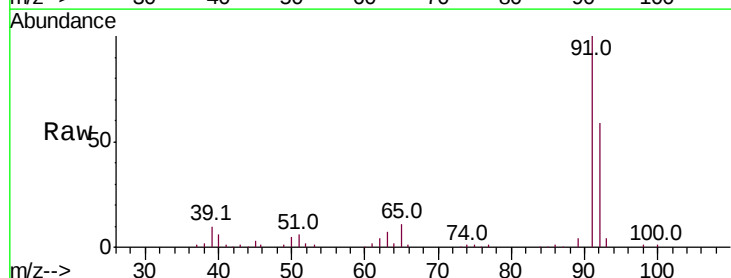
Acq: 17 Mar 2019 00:48

Tgt Ion: 92 Resp: 303977

Ion Ratio Lower Upper

92 100

91 169.1 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

250000

200000

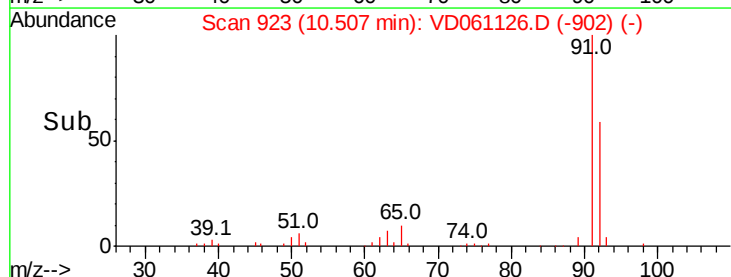
150000

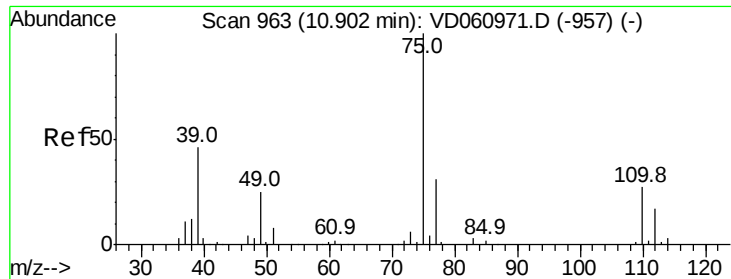
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.813 ug/l

RT: 10.91 min Scan# 964

Delta R.T. 0.01 min

Lab File: VD061126.D

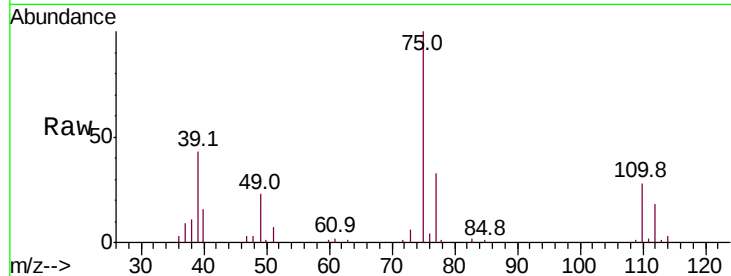
Acq: 17 Mar 2019 00:48

Tot Ion: 75 Resp: 170375

Ion Ratio Lower Upper

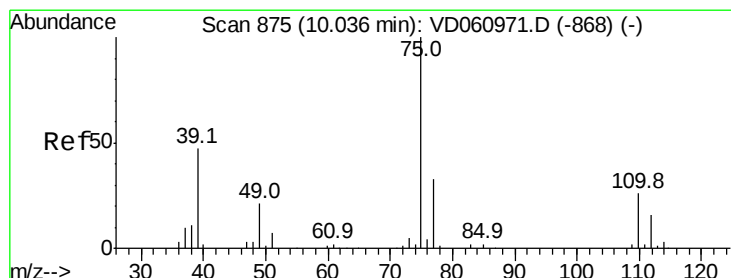
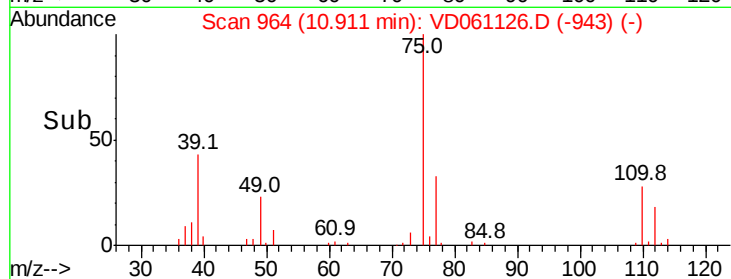
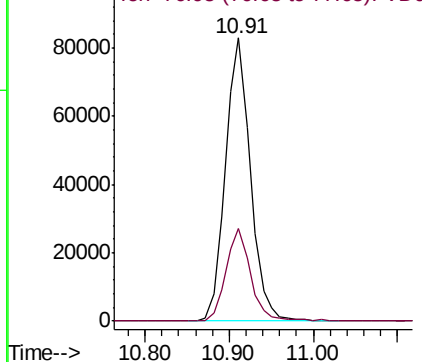
75 100

77 32.7 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: 19.810 ug/l

RT: 10.03 min Scan# 875

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

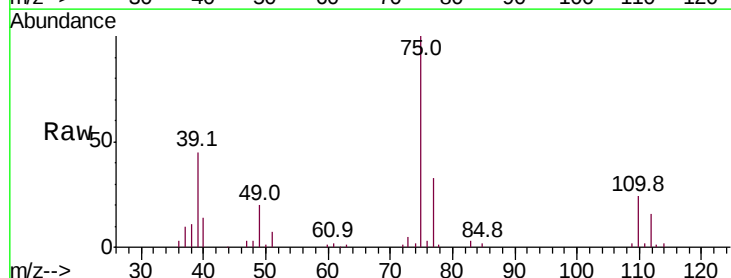
Tgt Ion: 75 Resp: 194847

Ion Ratio Lower Upper

75 100

77 33.0 26.2 39.4

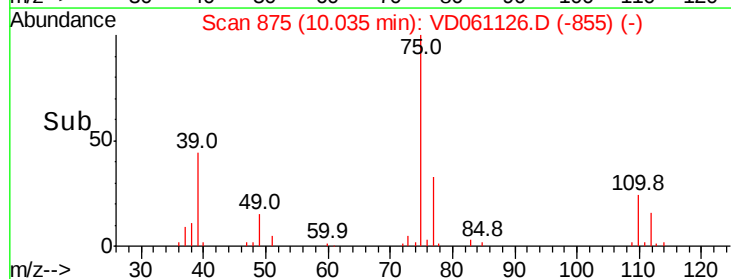
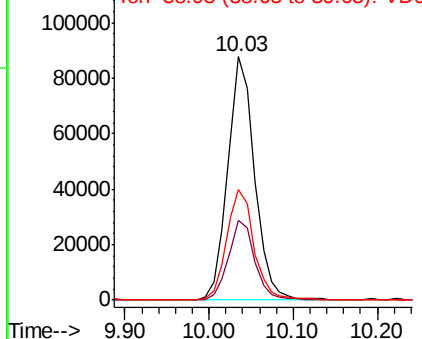
39 45.4 37.8 56.8

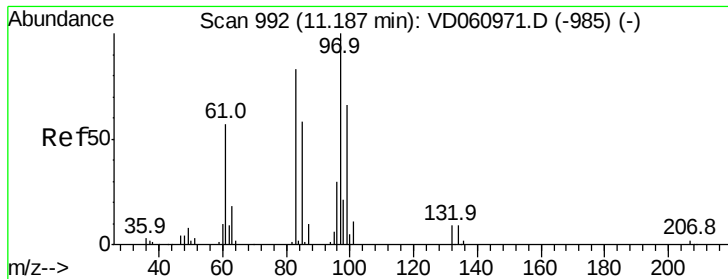


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC





#55

1,1,2-Trichloroethane

Concen: 22.036 ug/l

RT: 11.19 min Scan# 992

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

Tot Ion: 97 Resp: 108635

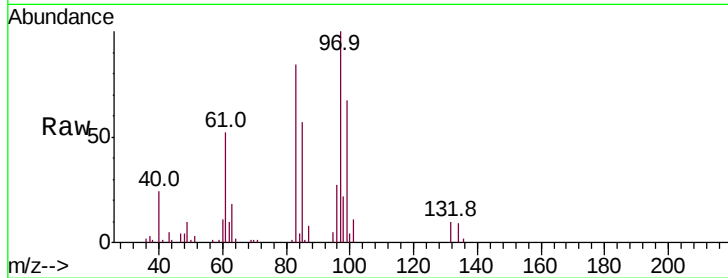
Ion Ratio Lower Upper

97 100

83 84.3 66.6 100.0

85 56.5 46.4 69.6

99 66.6 52.4 78.6

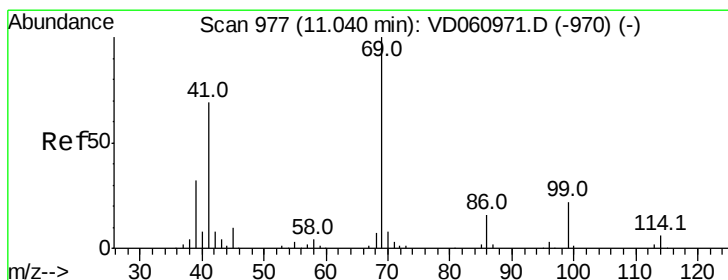
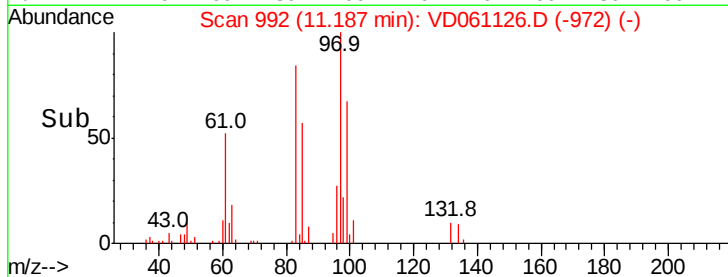
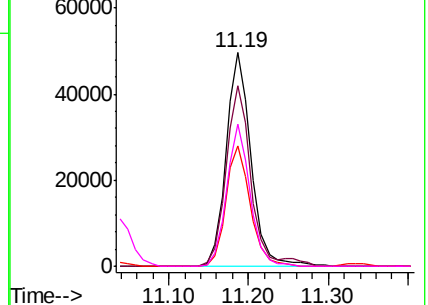


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 20.946 ug/l

RT: 11.04 min Scan# 977

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

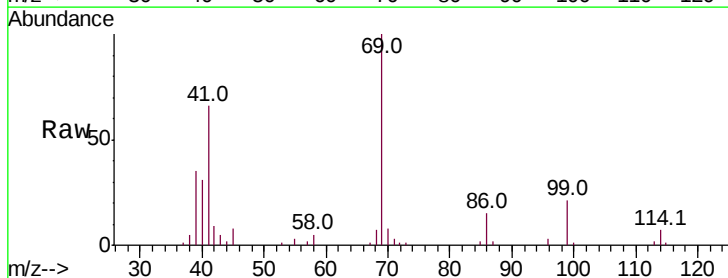
Tgt Ion: 69 Resp: 108083

Ion Ratio Lower Upper

69 100

41 66.0 55.5 83.3

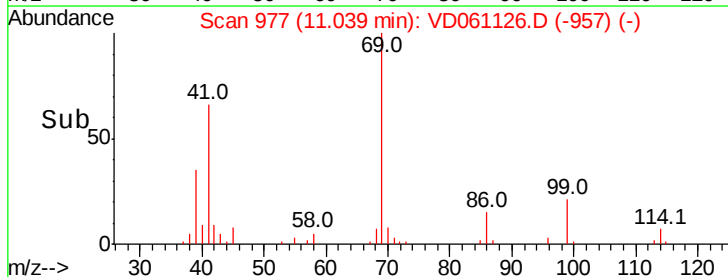
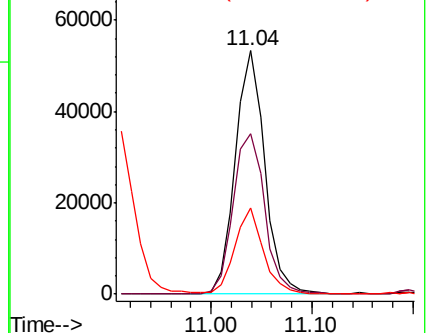
39 35.3 26.2 39.2

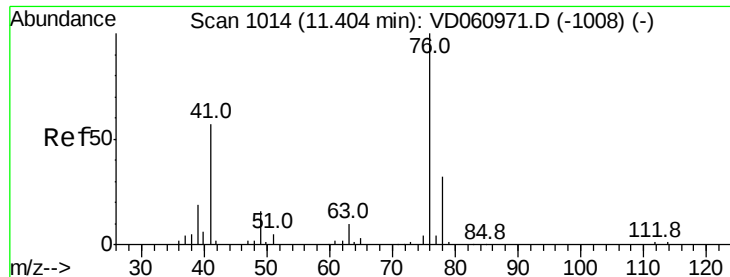


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 21.410 ug/l

RT: 11.40 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VD061126.D

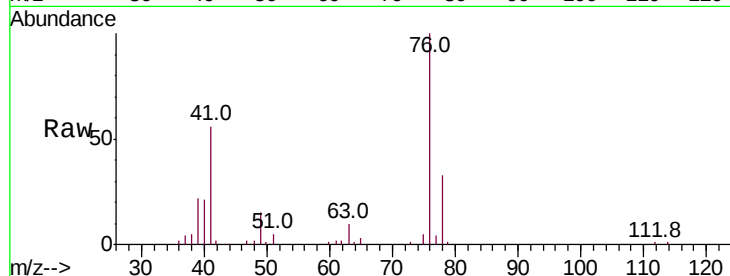
Acq: 17 Mar 2019 00:48

Tot Ion: 76 Resp: 157733

Ion Ratio Lower Upper

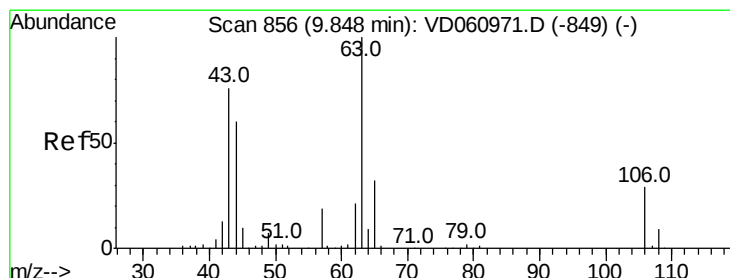
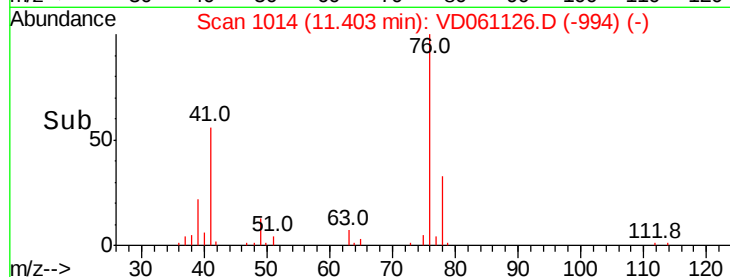
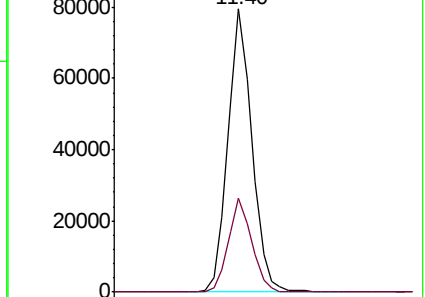
76 100

78 33.0 25.4 38.0



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 92.550 ug/l

RT: 9.86 min Scan# 857

Delta R.T. 0.01 min

Lab File: VD061126.D

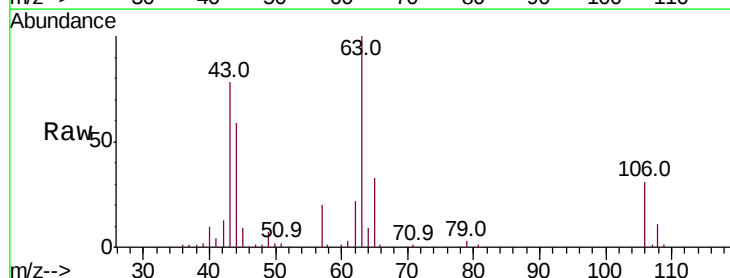
Acq: 17 Mar 2019 00:48

Tgt Ion: 63 Resp: 252790

Ion Ratio Lower Upper

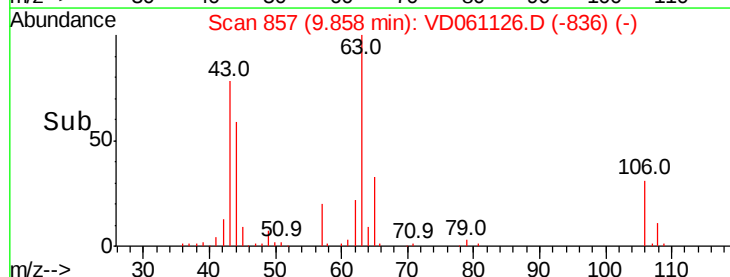
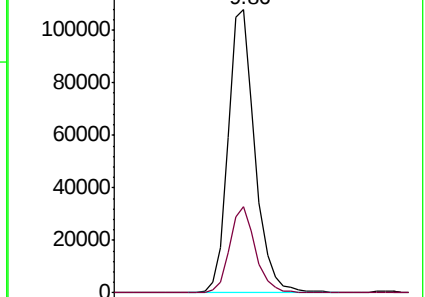
63 100

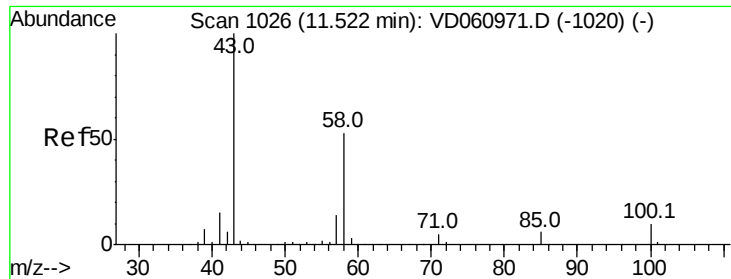
106 30.7 22.8 34.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

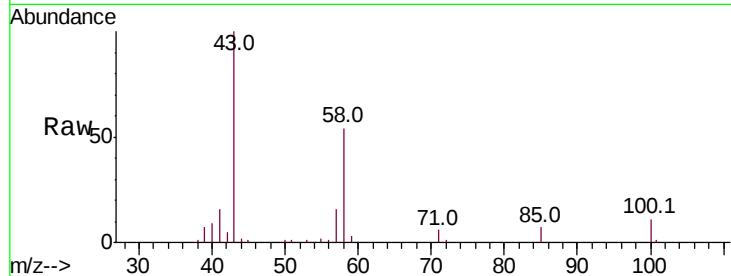
Ion 105.95 (105.65 to 106.65): V



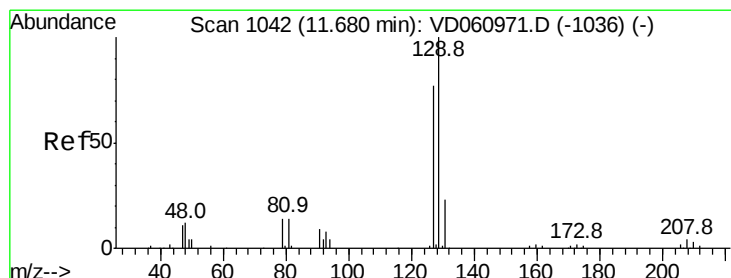
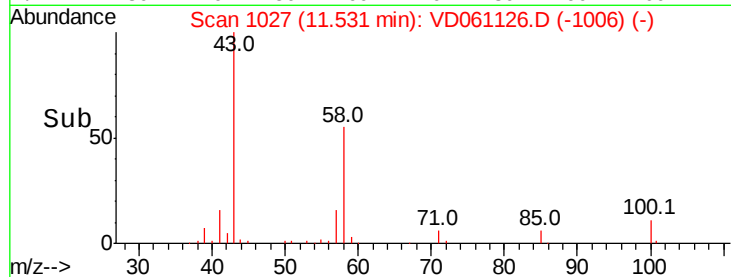
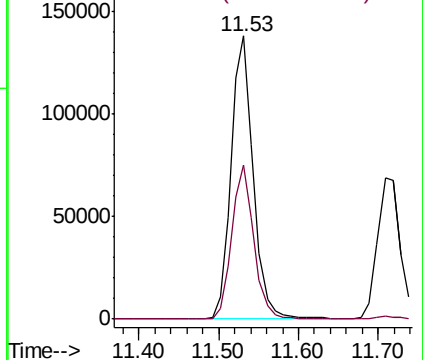


#59
2-Hexanone
Concen: 97.234 ug/l
RT: 11.53 min Scan# 1027
Delta R.T. 0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tot Ion: 43 Resp: 269815
Ion Ratio Lower Upper
43 100
58 54.3 26.5 79.5

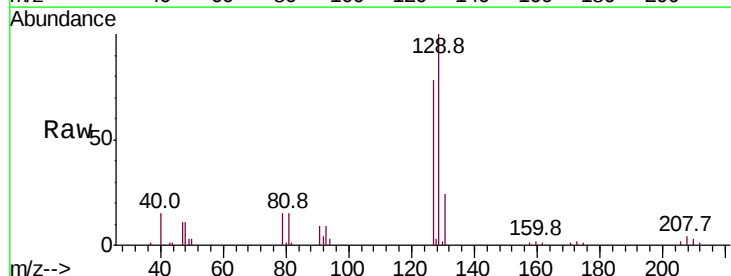


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

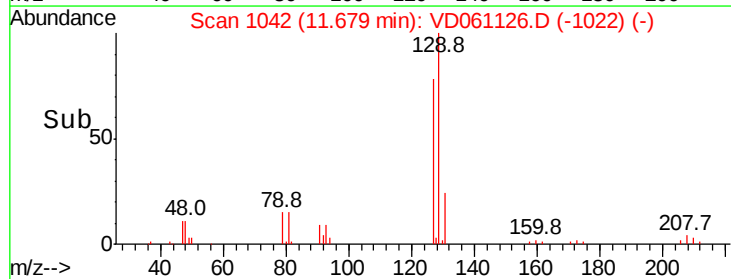
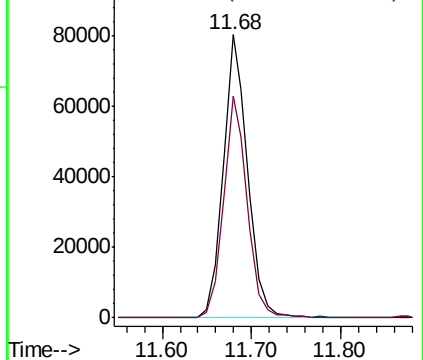


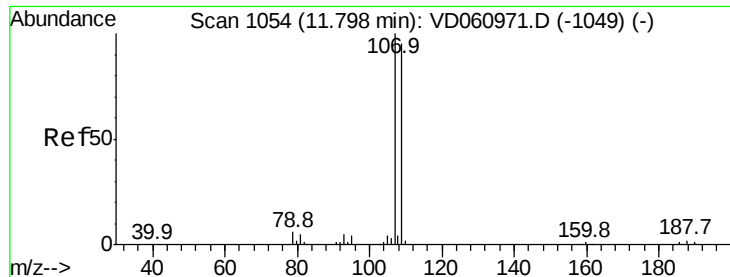
#60
Dibromochloromethane
Concen: 21.309 ug/l
RT: 11.68 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion: 129 Resp: 154606
Ion Ratio Lower Upper
129 100
127 78.5 38.3 114.9



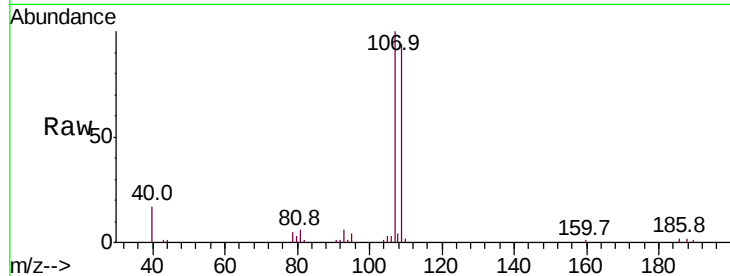
Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



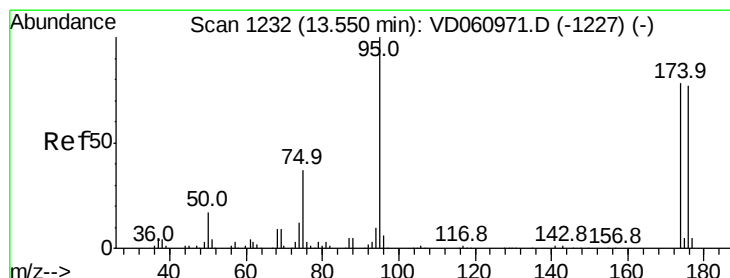
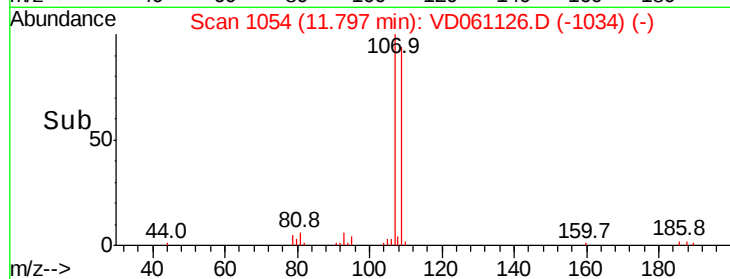
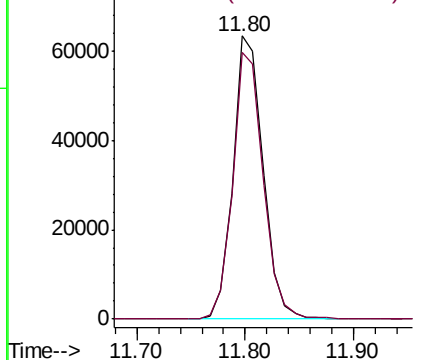


#61
 1,2-Dibromoethane
 Concen: 21.243 ug/l
 RT: 11.80 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tot Ion:107 Resp: 121825
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.6 113.4

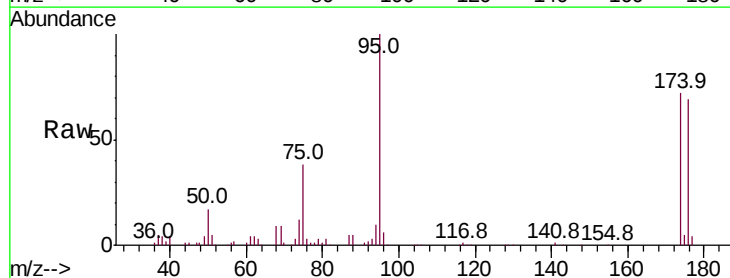


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.90 (108.60 to 109.60): V

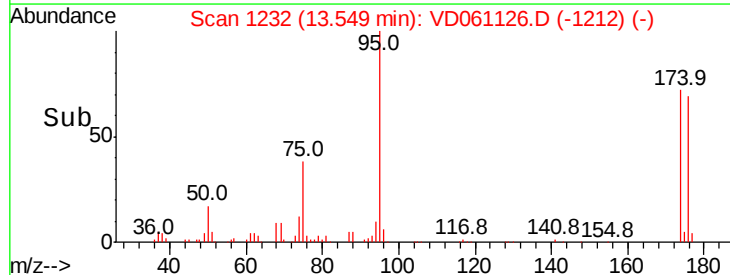
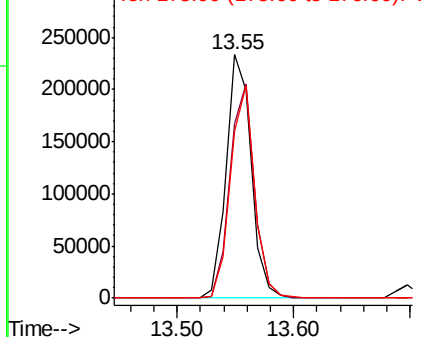


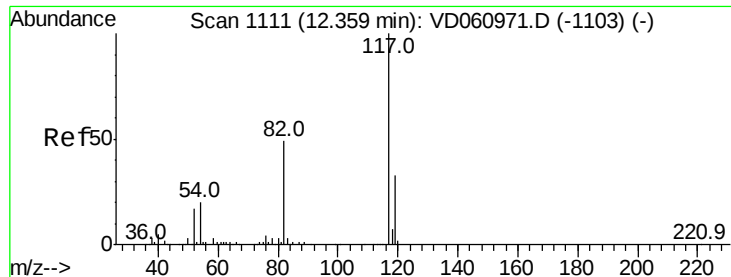
#62
 4-Bromofluorobenzene
 Concen: 21.243 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion: 95 Resp: 347280
 Ion Ratio Lower Upper
 95 100
 174 71.8 0.0 155.6
 176 68.6 0.0 153.8



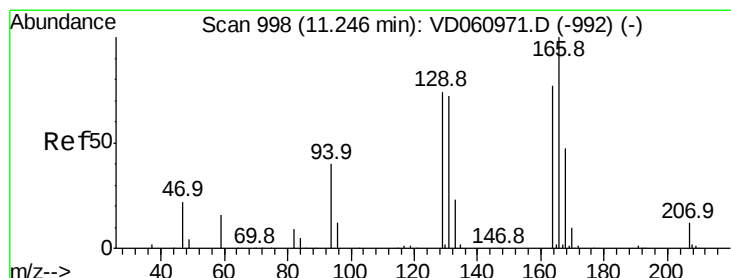
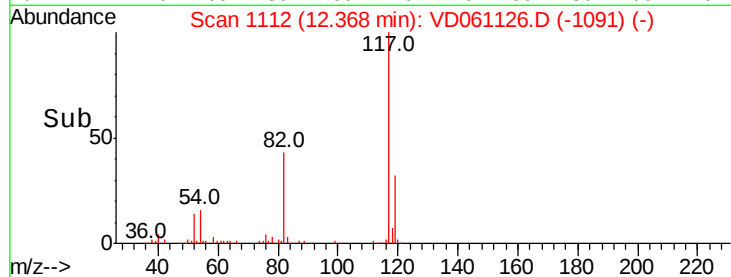
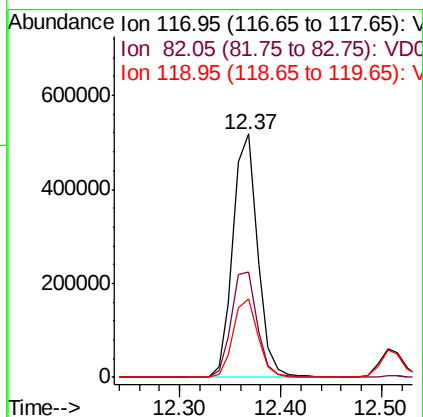
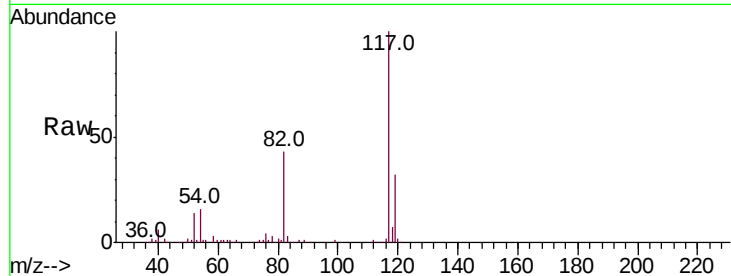
Abundance Ion 95.00 (94.70 to 95.70): V
 Ion 173.90 (173.60 to 174.60): V
 Ion 175.90 (175.60 to 176.60): V





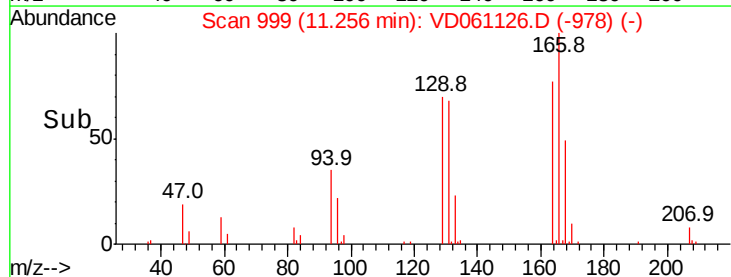
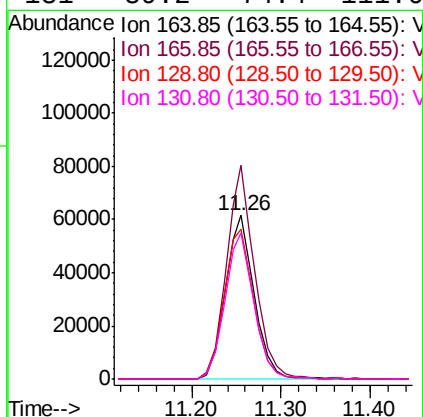
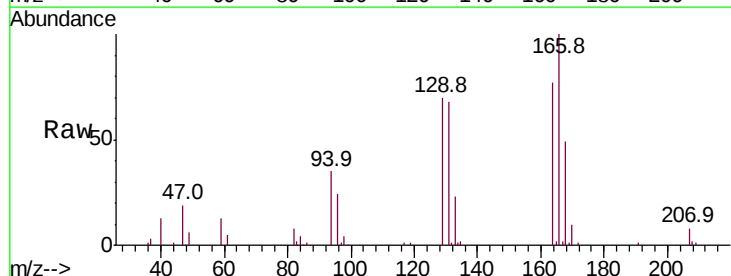
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

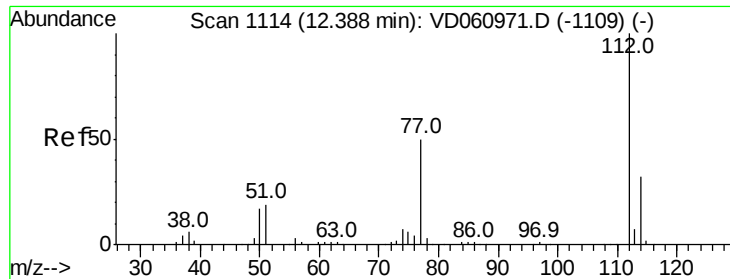
Tot Ion:117 Resp: 884123
Ion Ratio Lower Upper
117 100
82 43.3 38.9 58.3
119 32.4 26.6 39.8



#64
Tetrachloroethene
Concen: 23.285 ug/l
RT: 11.26 min Scan# 999
Delta R.T. 0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

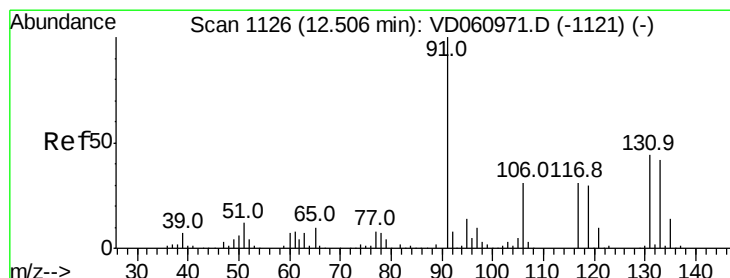
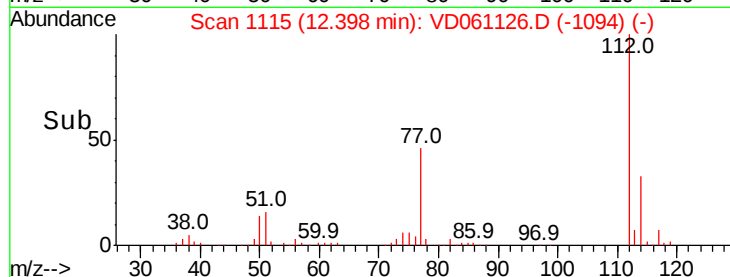
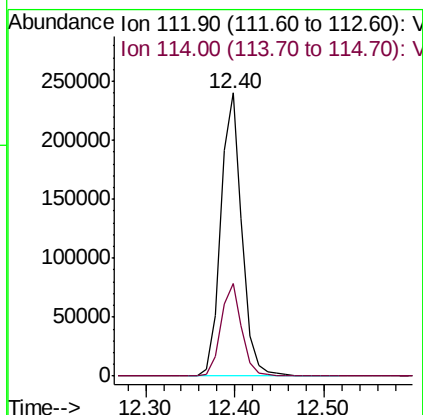
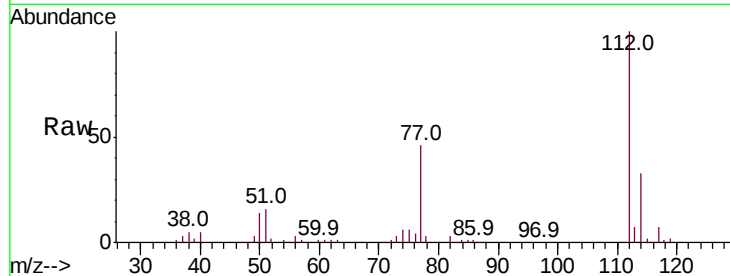
Tgt Ion:164 Resp: 138971
Ion Ratio Lower Upper
164 100
166 130.5 103.4 155.0
129 91.7 76.9 115.3
131 89.2 74.4 111.6





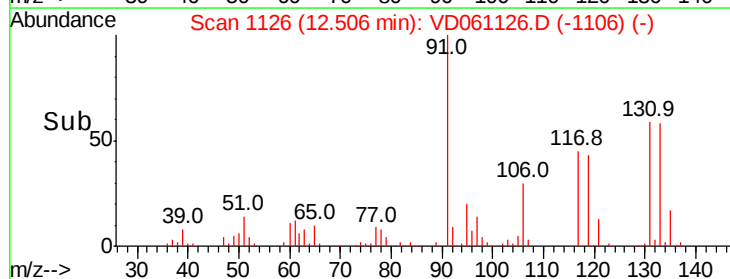
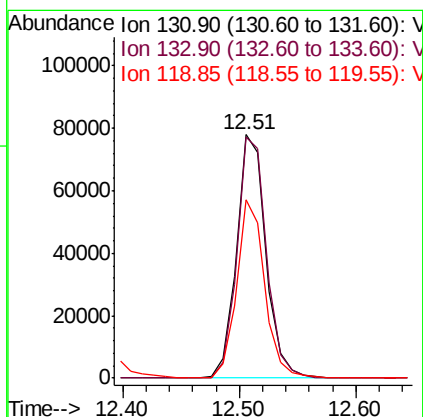
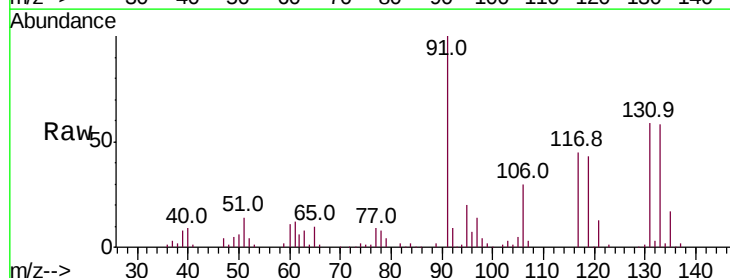
#65
Chlorobenzene
Concen: 22.964 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

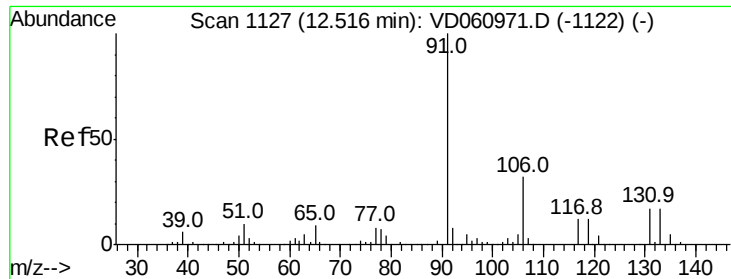
Tot Ion:112 Resp: 398016
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.909 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

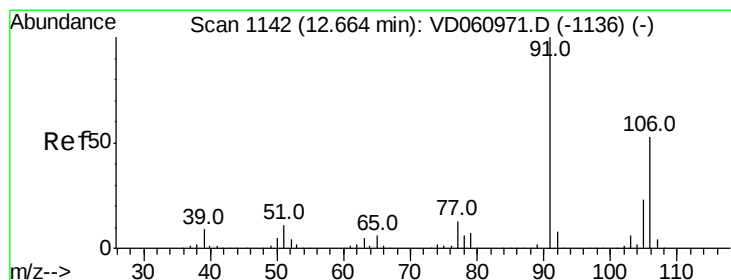
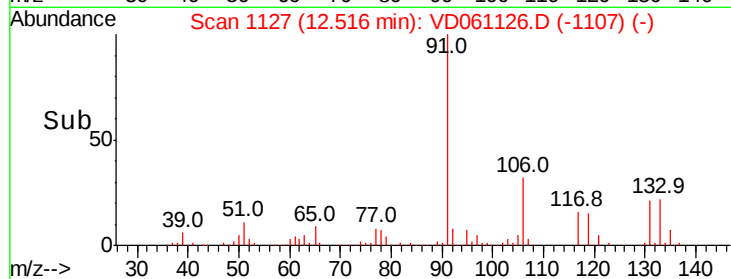
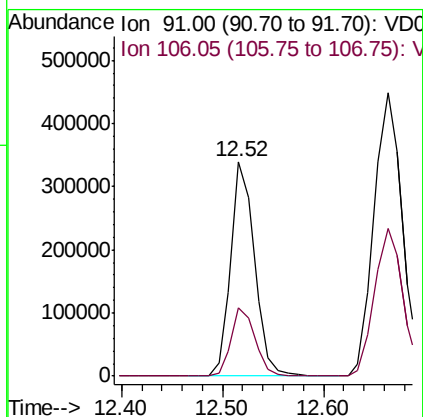
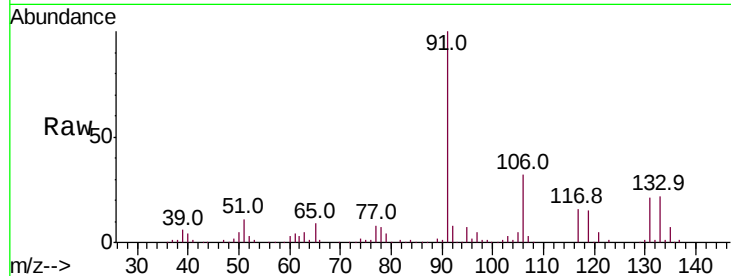
Tgt Ion:131 Resp: 135361
Ion Ratio Lower Upper
131 100
133 98.8 47.8 143.3
119 73.4 34.3 102.9





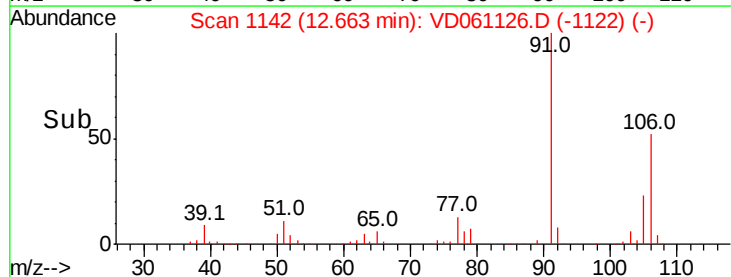
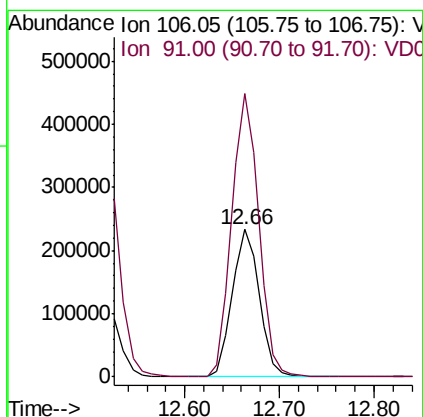
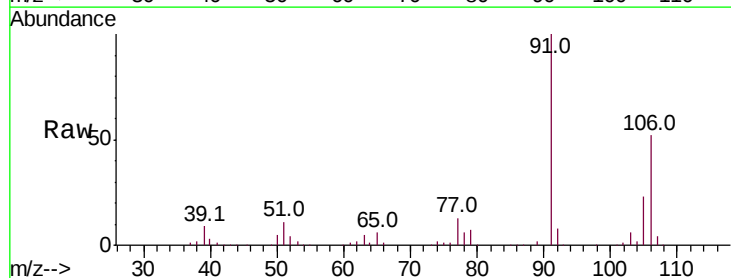
#67
Ethyl Benzene
Concen: 21.497 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

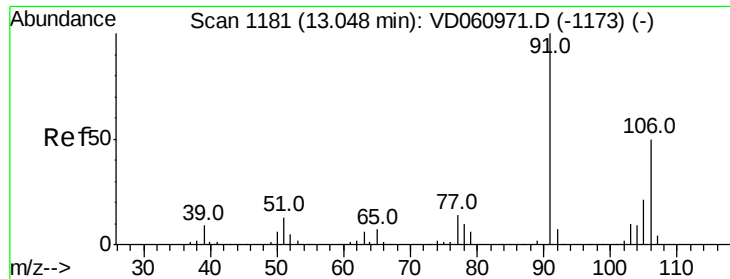
Tot Ion: 91 Resp: 554718
Ion Ratio Lower Upper
91 100
106 31.8 25.7 38.5



#68
m/p-Xylenes
Concen: 45.357 ug/l
RT: 12.66 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

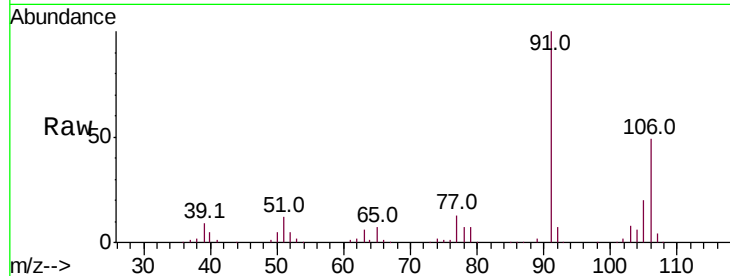
Tgt Ion: 106 Resp: 459372
Ion Ratio Lower Upper
106 100
91 192.0 152.0 228.0



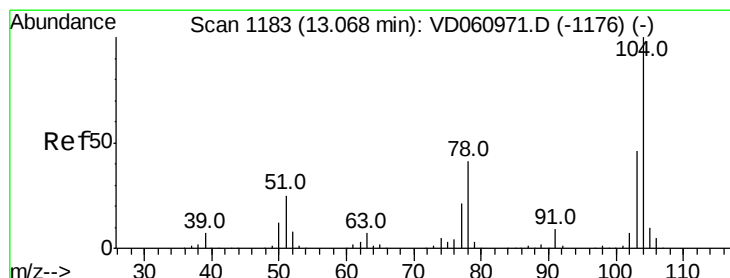
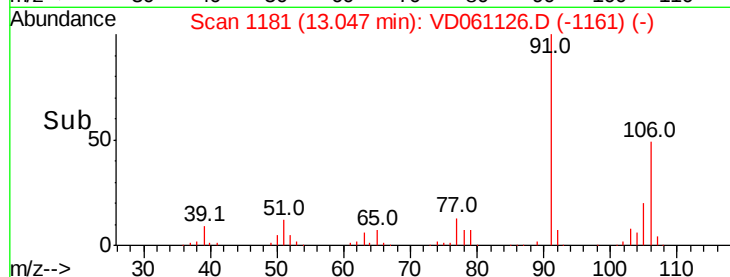
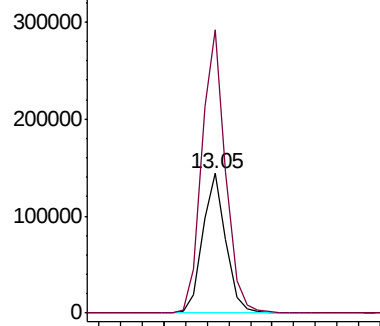


#69
o-Xylene
Concen: 21.475 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tot Ion:106 Resp: 213792
Ion Ratio Lower Upper
106 100
91 202.4 99.8 299.3

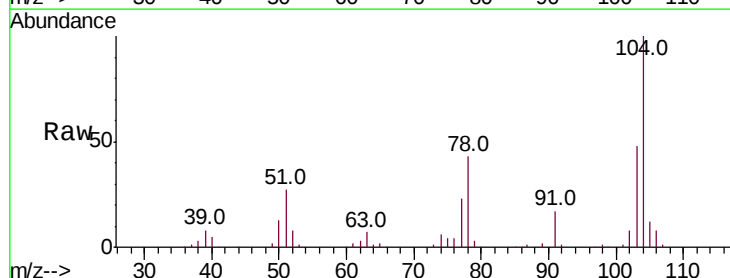


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

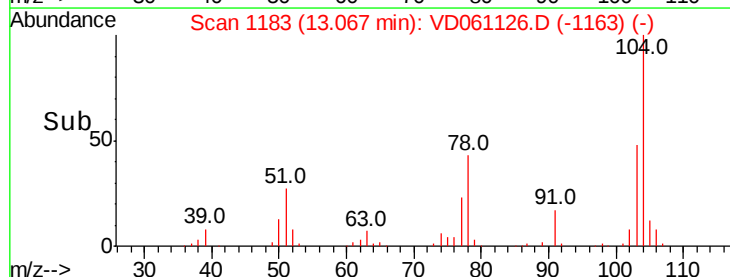
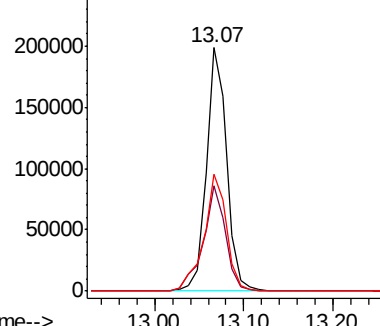


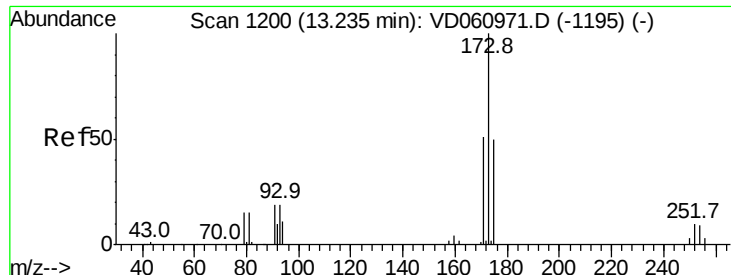
#70
Styrene
Concen: 19.522 ug/l
RT: 13.07 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion:104 Resp: 317353
Ion Ratio Lower Upper
104 100
78 43.2 33.0 49.4
103 47.8 37.1 55.7



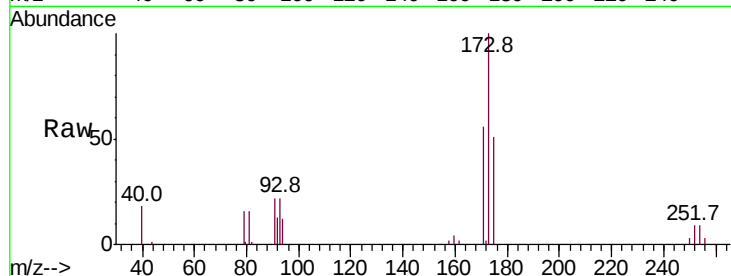
Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): VDC
Ion 103.05 (102.75 to 103.75): V



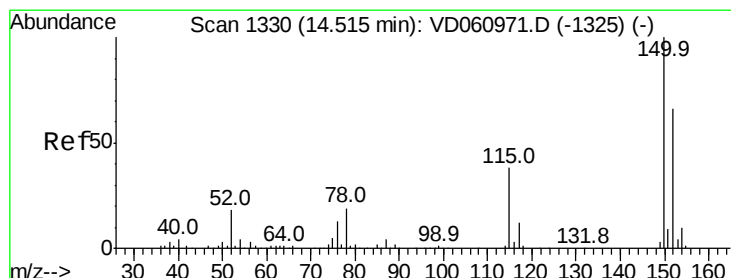
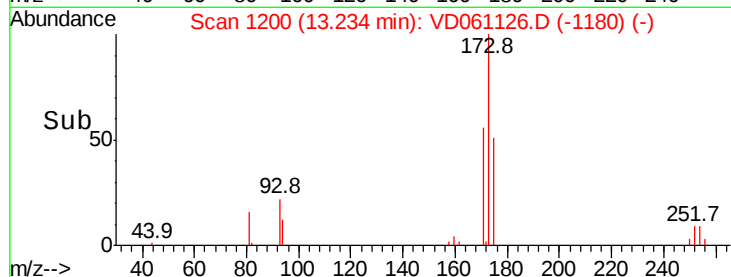
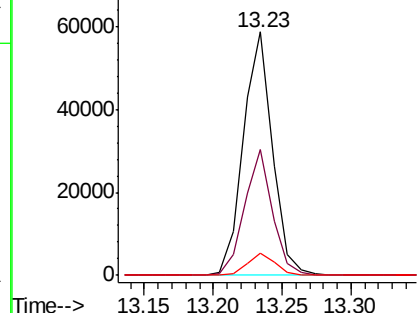


#71
Bromoform
Concen: 21.682 ug/l
RT: 13.23 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.5	24.9	74.8
254	9.0	7.3	10.9

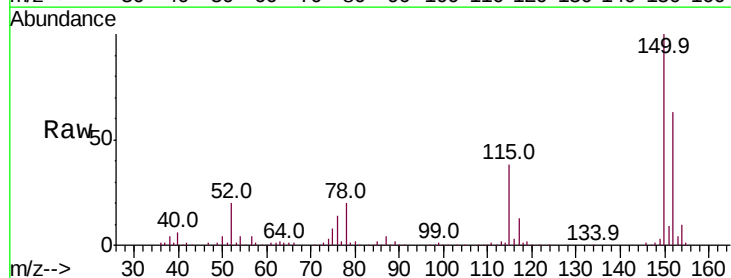


Abundance Ion 172.80 (172.50 to 173.50): V
Ion 174.80 (174.50 to 175.50): V
Ion 253.70 (253.40 to 254.40): V

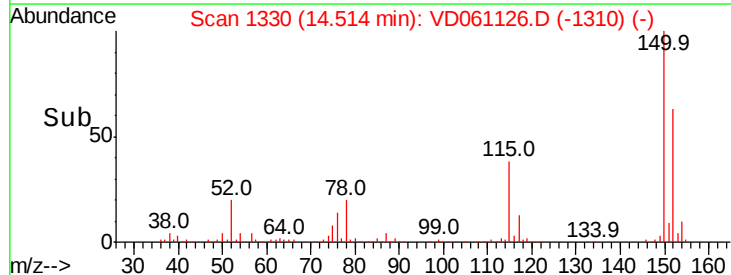
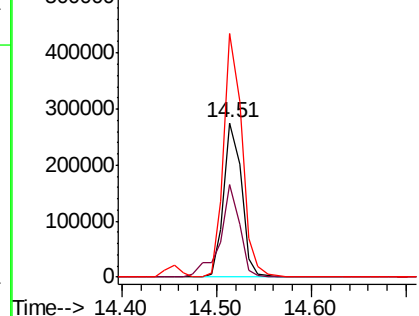


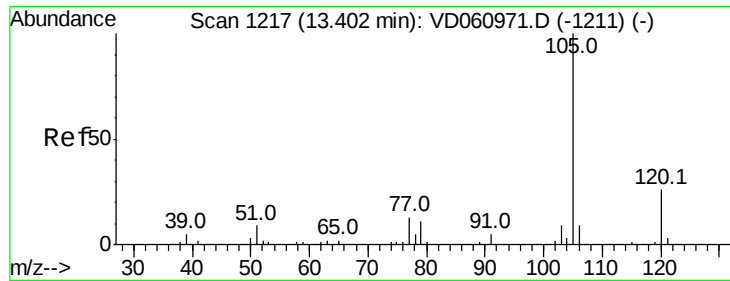
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	28.6	85.9
150	157.9	0.0	310.6



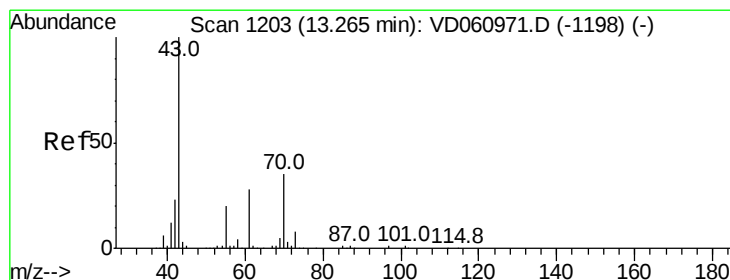
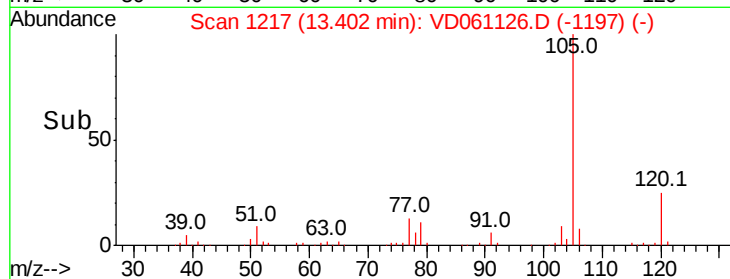
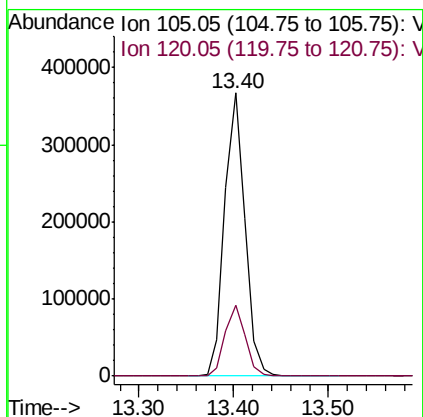
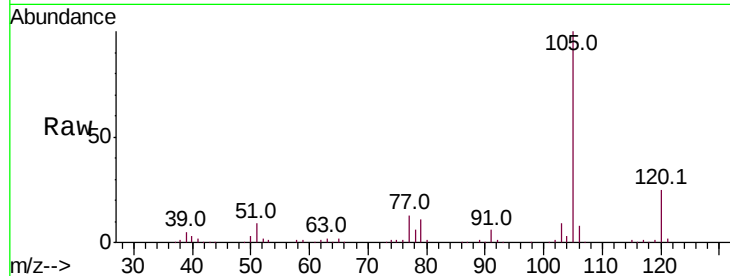
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





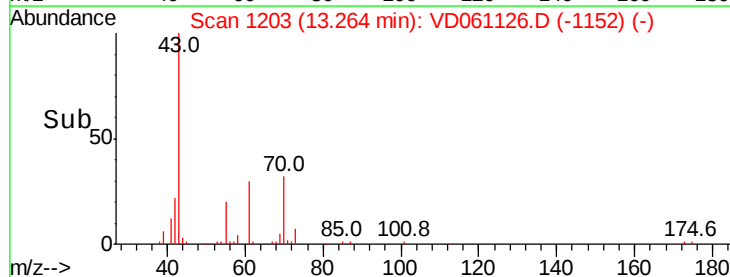
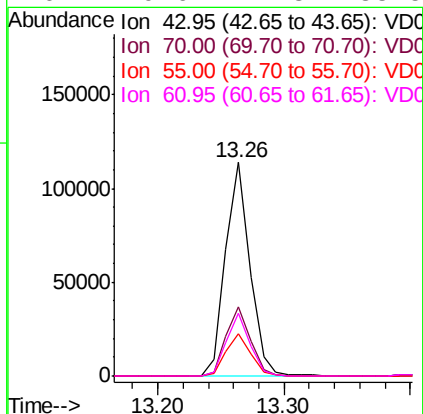
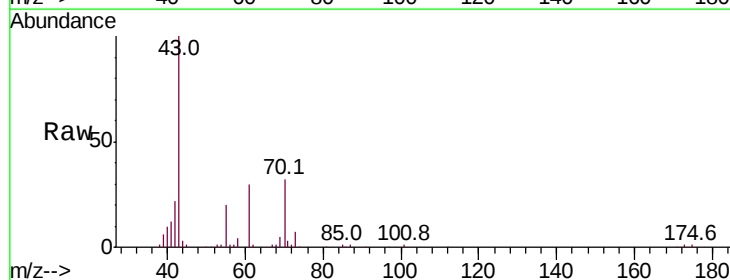
#73
Isopropylbenzene
Concen: 20.921 ug/l
RT: 13.40 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

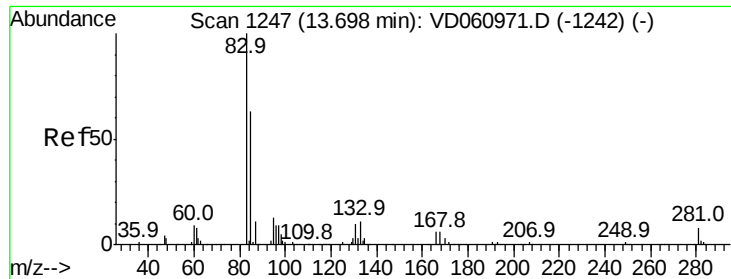
Tot Ion: 105 Resp: 545848
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.4



#74
N-ethyl acetate
Concen: 20.687 ug/l
RT: 13.26 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion: 43 Resp: 151982
Ion Ratio Lower Upper
43 100
70 32.5 27.7 41.5
55 19.6 16.2 24.2
61 29.6 22.3 33.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.886 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

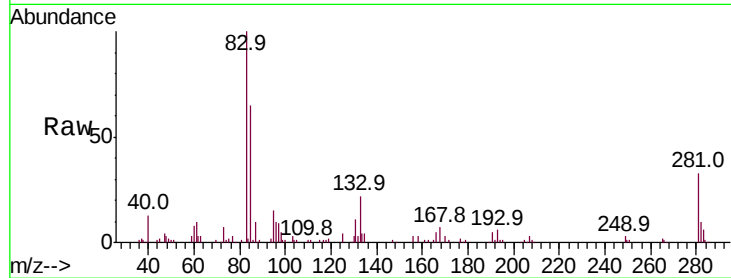
Tot Ion: 83 Resp: 111411

Ion Ratio Lower Upper

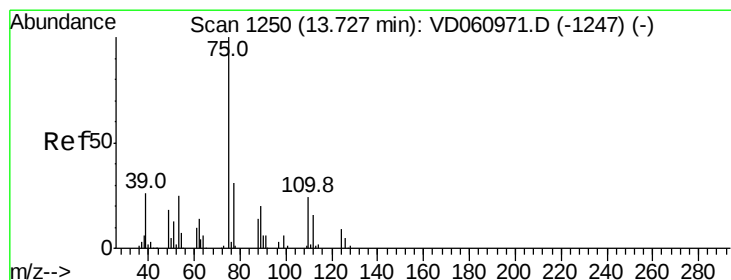
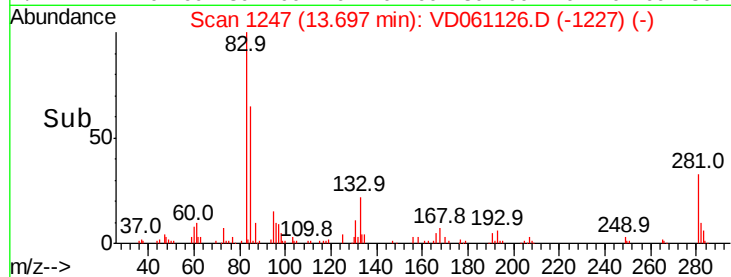
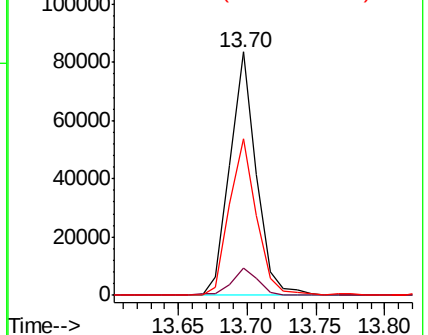
83 100

131 11.4 5.1 15.3

85 64.6 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



#76

1,2,3-Trichloropropane

Concen: 22.409 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VD061126.D

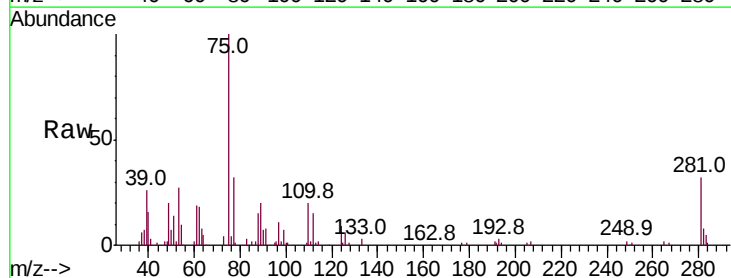
Acq: 17 Mar 2019 00:48

Tgt Ion: 75 Resp: 116717

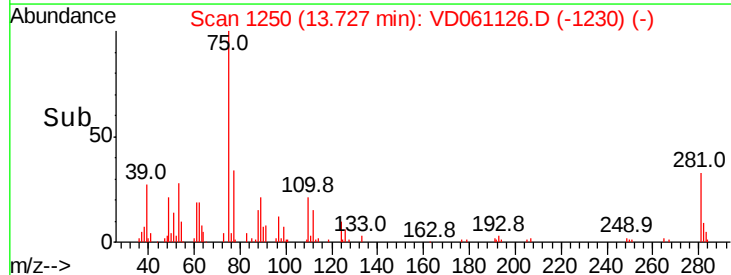
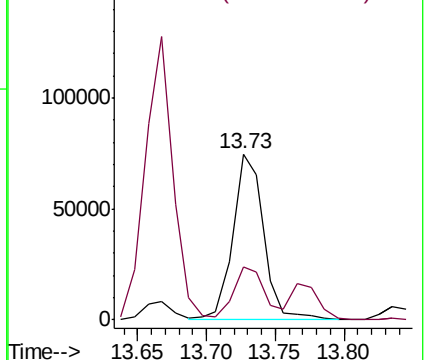
Ion Ratio Lower Upper

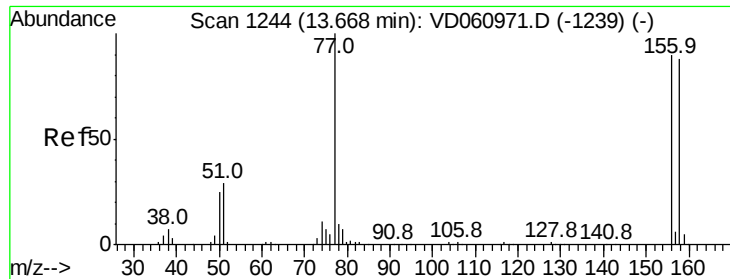
75 100

77 32.3 16.6 49.7



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





#77

Bromobenzene

Concen: 21.289 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

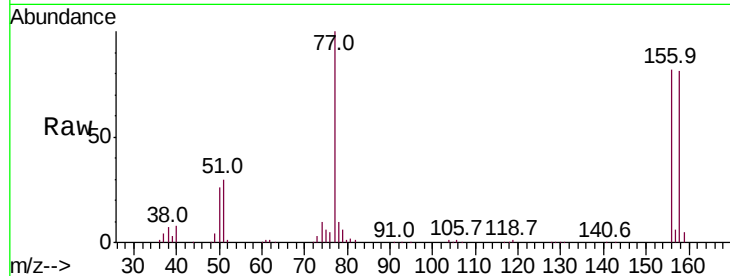
Tot Ion:156 Resp: 141789

Ion	Ratio	Lower	Upper
156	100		
77	122.3	55.5	166.7
158	99.6	49.0	147.0

156 100

77 122.3 55.5 166.7

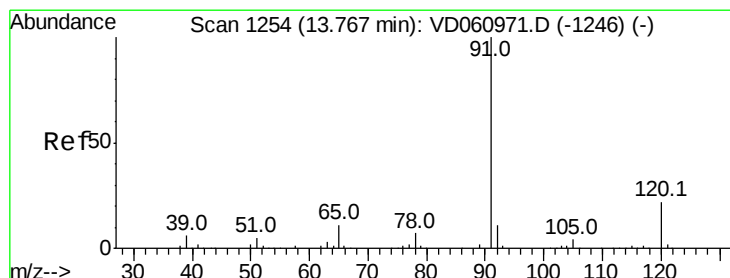
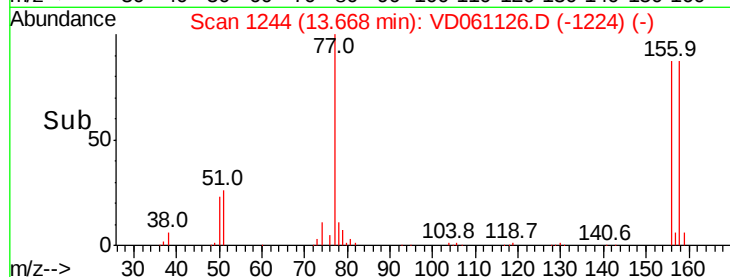
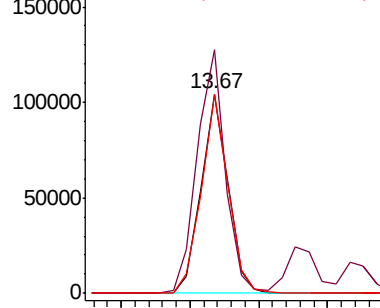
158 99.6 49.0 147.0



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: 21.618 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD061126.D

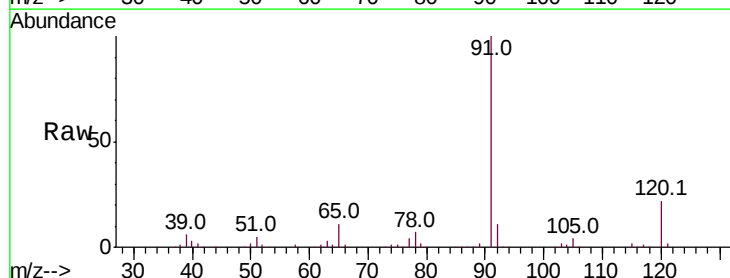
Acq: 17 Mar 2019 00:48

Tgt Ion: 91 Resp: 660311

Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.3

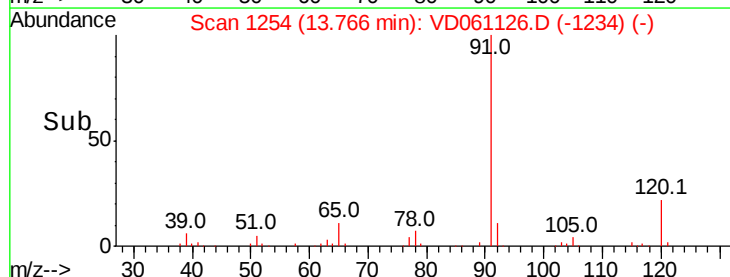
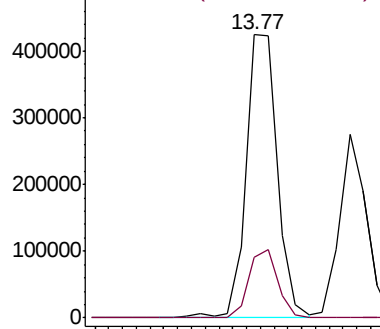
91 100

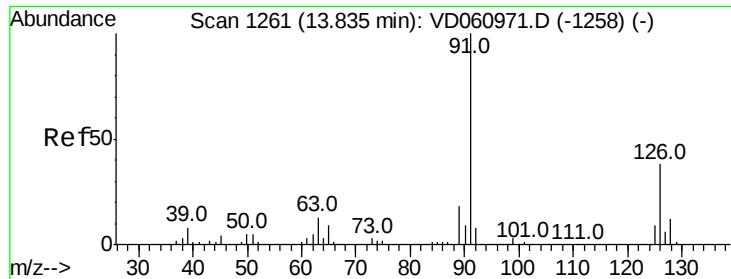
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 22.222 ug/l

RT: 13.83 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VD061126.D

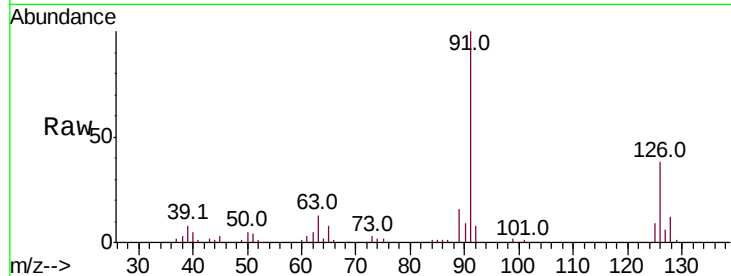
Acq: 17 Mar 2019 00:48

Tot Ion: 91 Resp: 373679

Ion Ratio Lower Upper

91 100

126 37.7 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) (-)

500000

400000

300000

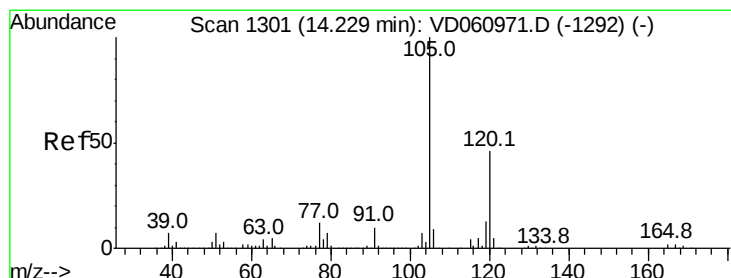
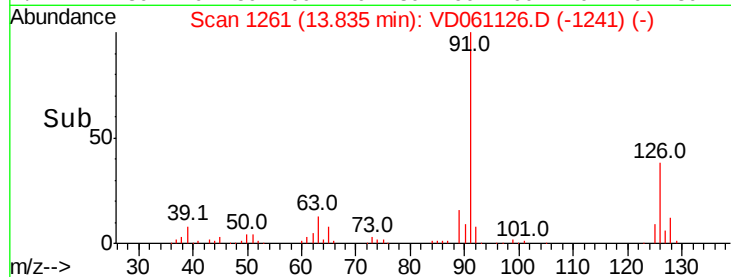
200000

100000

0

13.80 13.85 13.90

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 23.012 ug/l

RT: 14.24 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VD061126.D

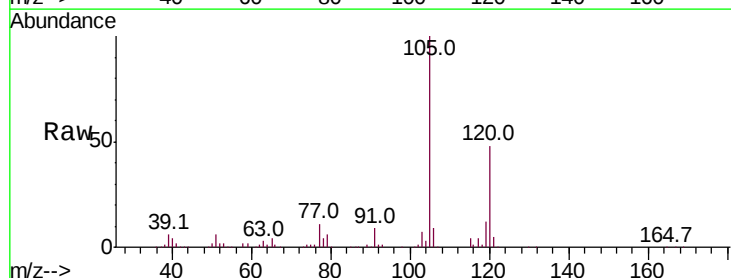
Acq: 17 Mar 2019 00:48

Tgt Ion:105 Resp: 455805

Ion Ratio Lower Upper

105 100

120 47.6 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) (-)

500000

400000

300000

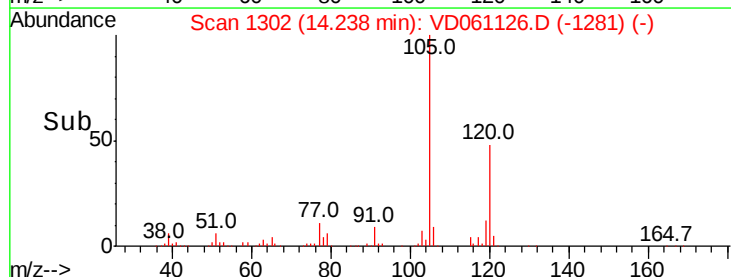
200000

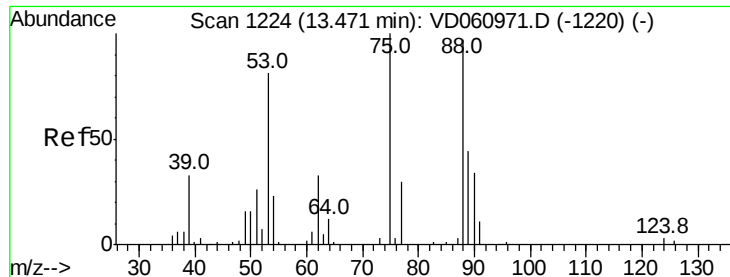
100000

0

14.10 14.20 14.30

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 21.221 ug/l

RT: 13.47 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

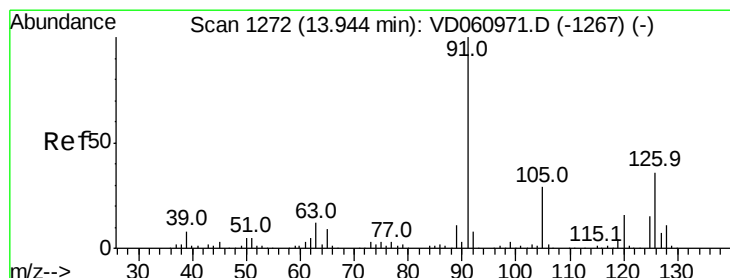
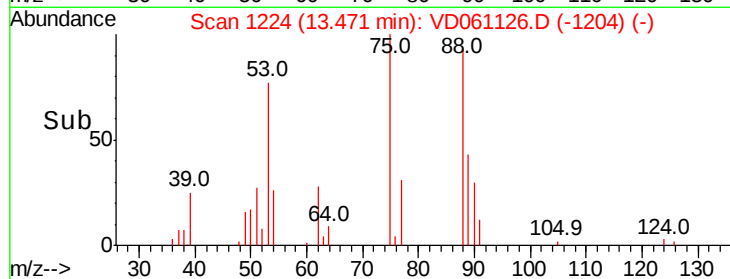
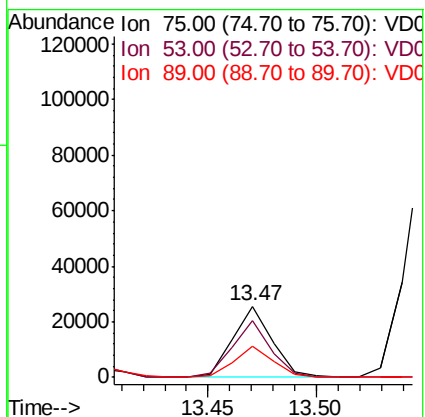
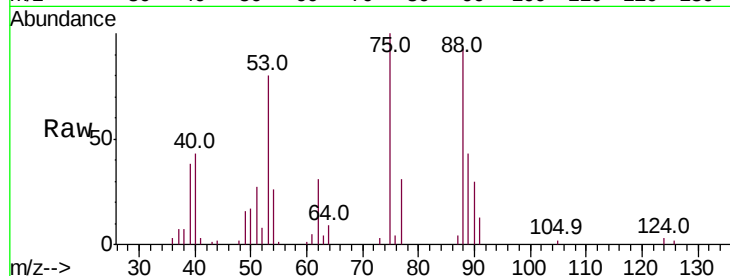
Tot Ion: 75 Resp: 32586

Ion Ratio Lower Upper

75 100

53 79.6 64.4 96.6

89 42.9 34.8 52.2



#82

4-Chlorotoluene

Concen: 22.043 ug/l

RT: 13.94 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VD061126.D

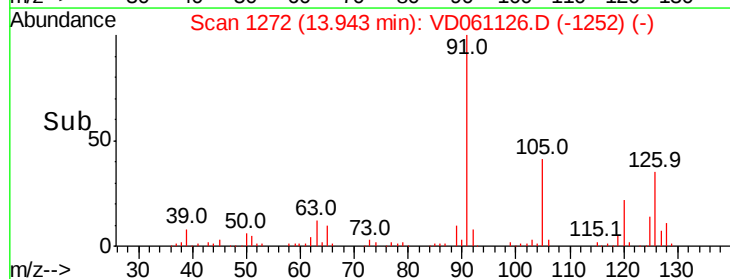
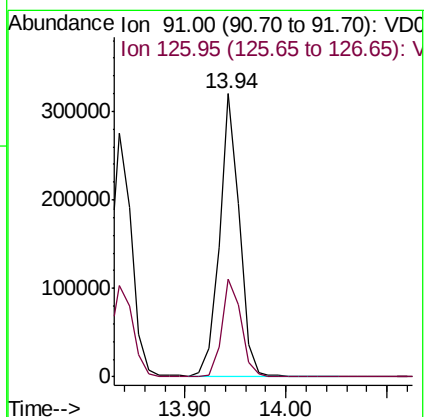
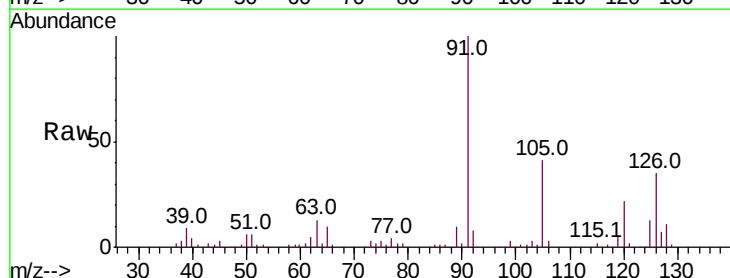
Acq: 17 Mar 2019 00:48

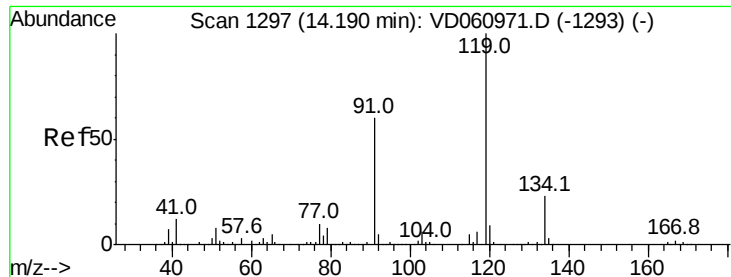
Tgt Ion: 91 Resp: 438218

Ion Ratio Lower Upper

91 100

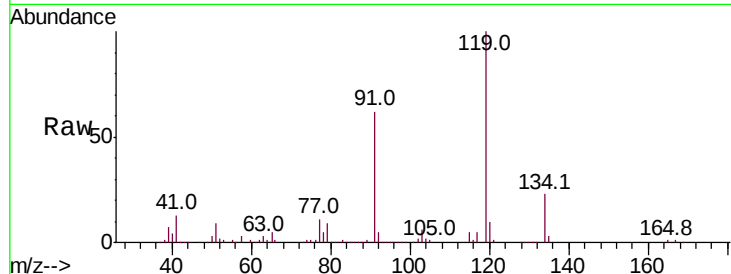
126 34.6 18.0 54.0



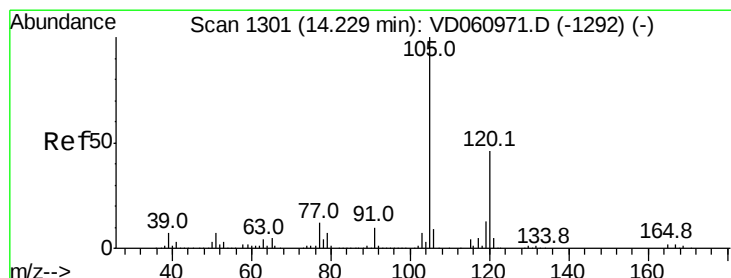
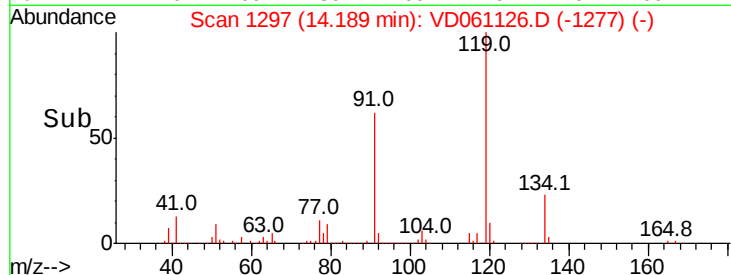
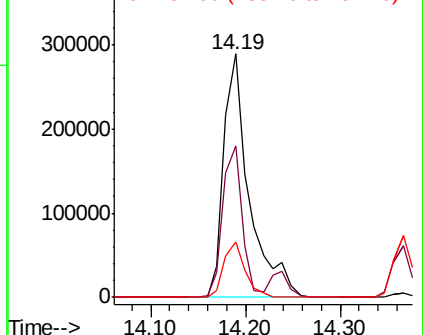


#83
tert-Butylbenzene
Concen: 24.937 ug/l
RT: 14.19 min Scan# 1297
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.2	30.1	90.3
134	23.0	11.6	34.7

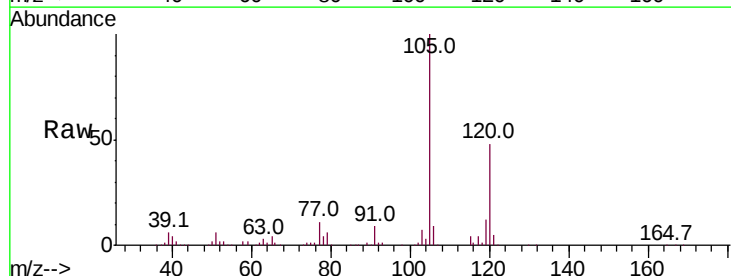


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 91.00 (90.70 to 91.70): VD
Ion 134.00 (133.70 to 134.70): V

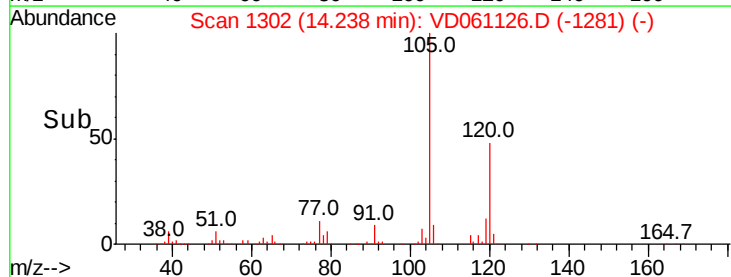
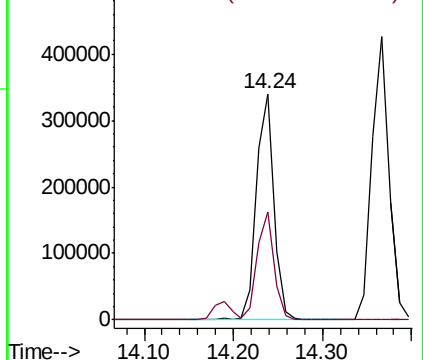


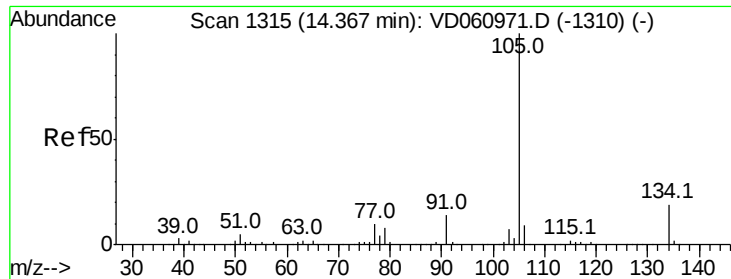
#84
1,2,4-Trimethylbenzene
Concen: 23.012 ug/l
RT: 14.24 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.6	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: 21.143 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD061126.D

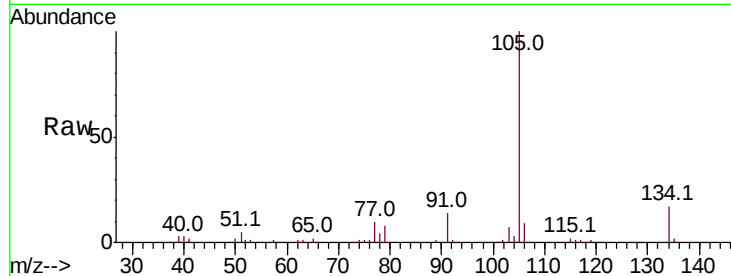
Acq: 17 Mar 2019 00:48

Tot Ion:105 Resp: 559514

Ion Ratio Lower Upper

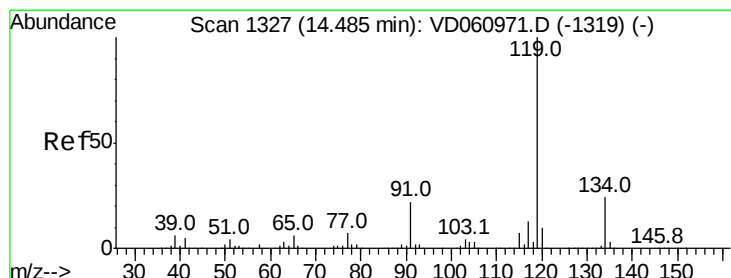
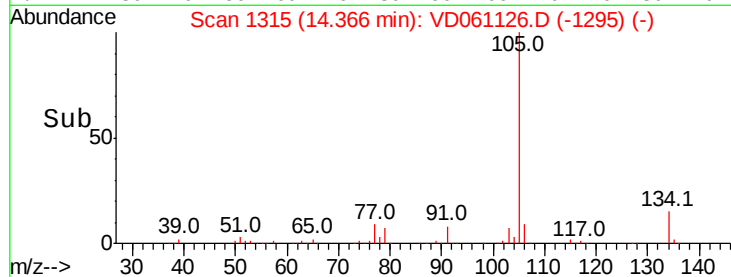
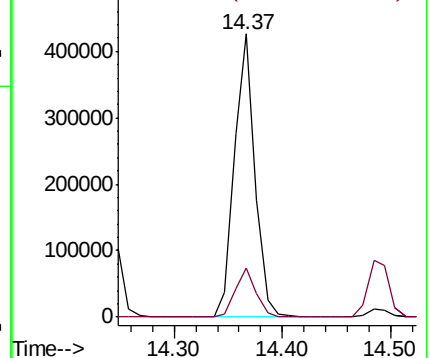
105 100

134 17.2 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: 22.408 ug/l

RT: 14.48 min Scan# 1327

Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

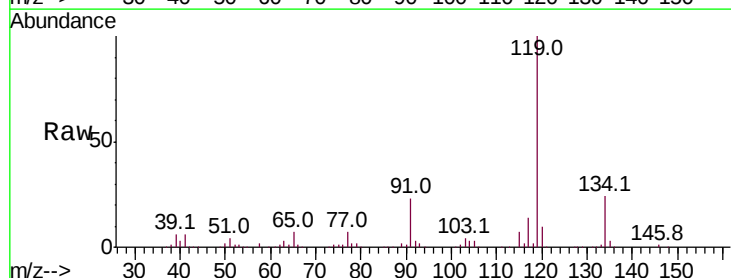
Tgt Ion:119 Resp: 484710

Ion Ratio Lower Upper

119 100

134 23.6 12.0 36.1

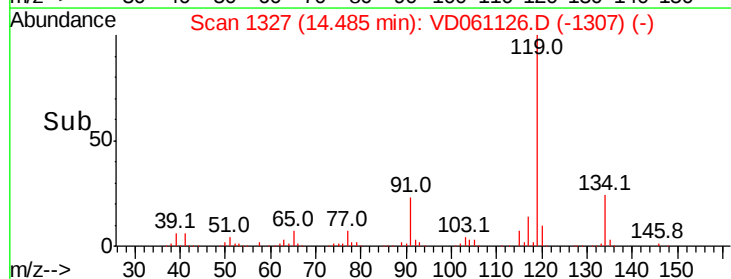
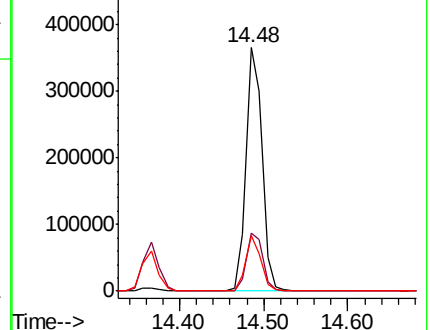
91 22.8 11.2 33.6

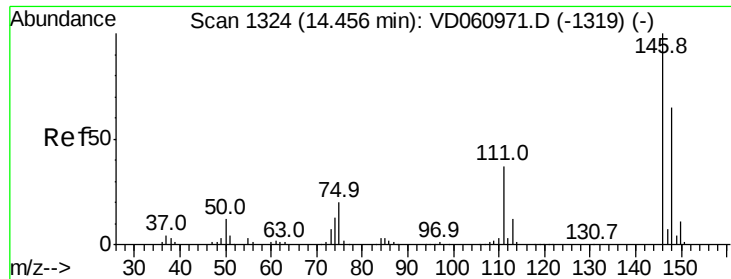


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

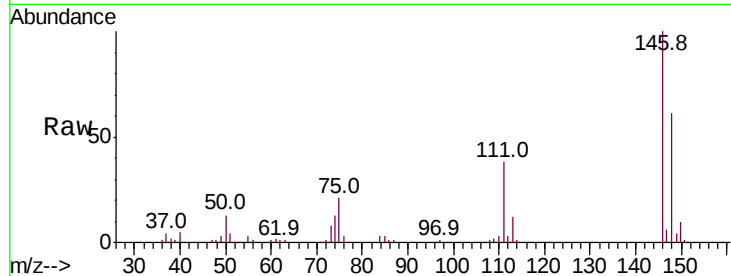
Ion 91.00 (90.70 to 91.70): V



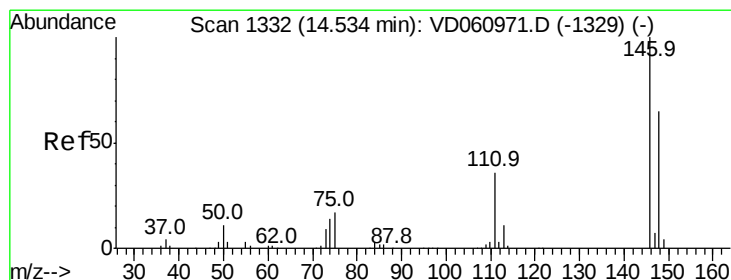
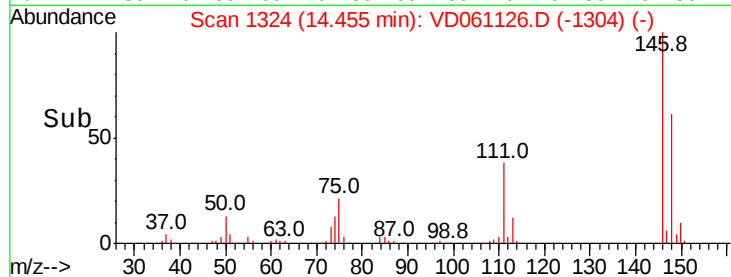
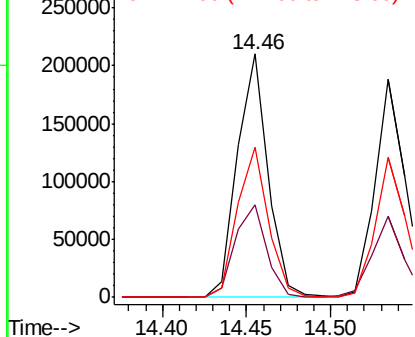


#87
 1,3-Dichlorobenzene
 Concen: 22.329 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.4
148	61.4	32.5	97.4

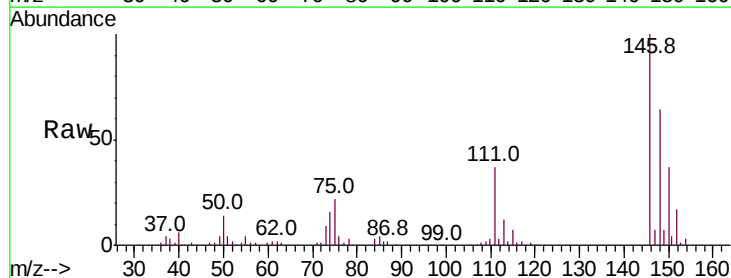


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

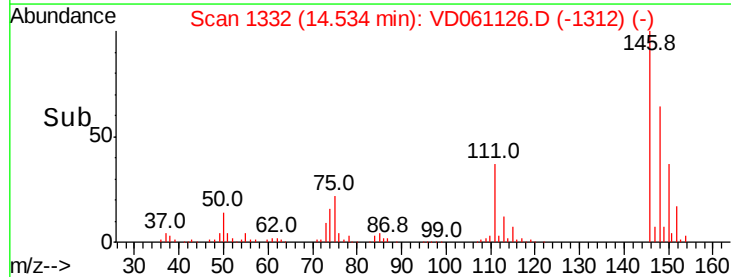
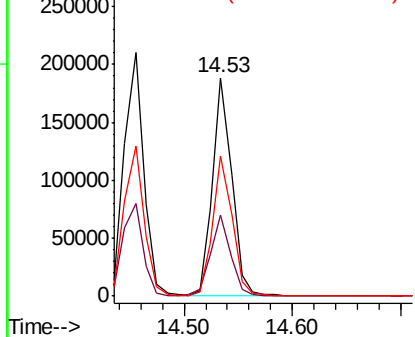


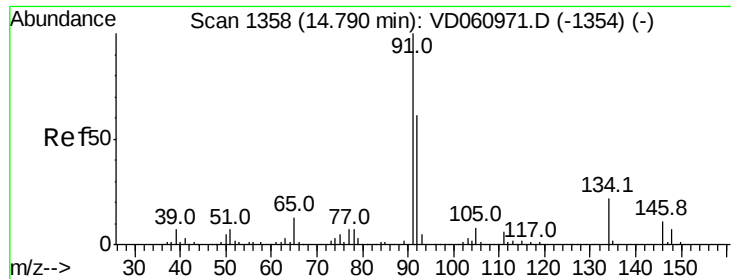
#88
 1,4-Dichlorobenzene
 Concen: 20.200 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.4	55.2
148	64.3	32.5	97.5



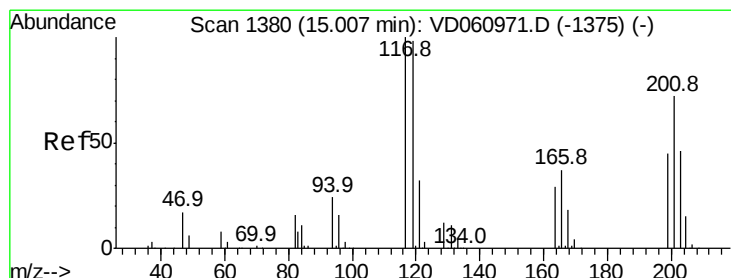
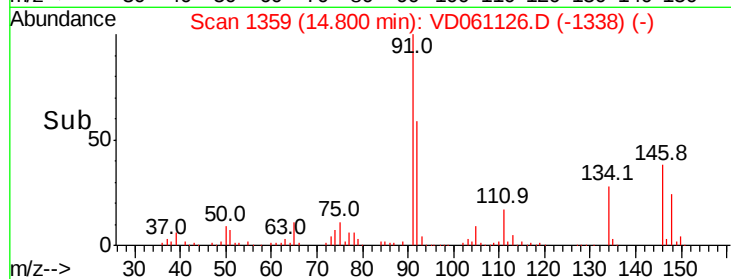
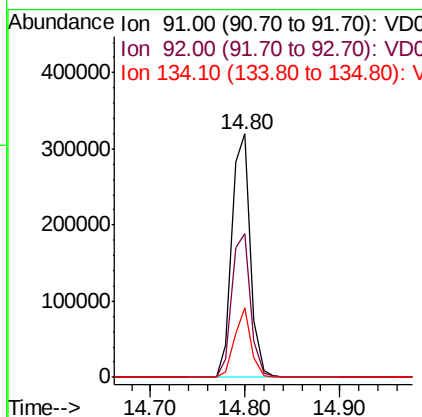
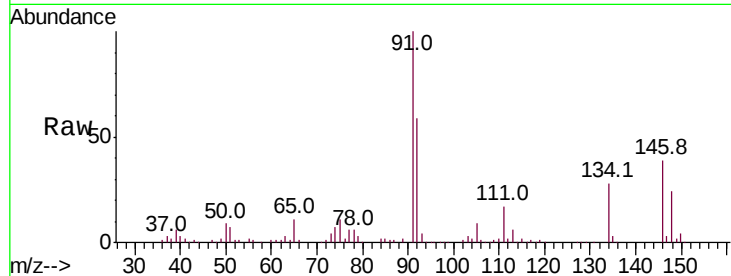
Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





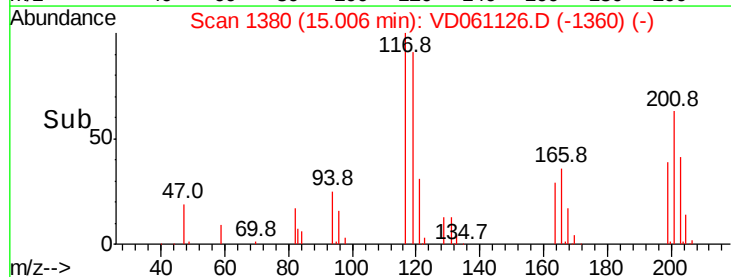
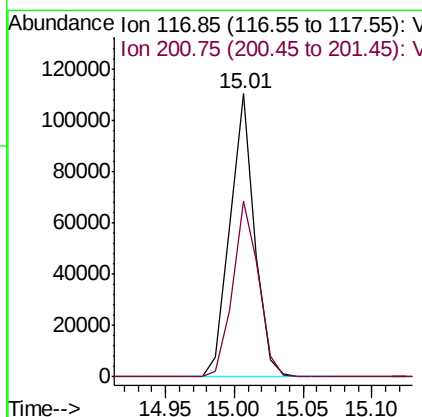
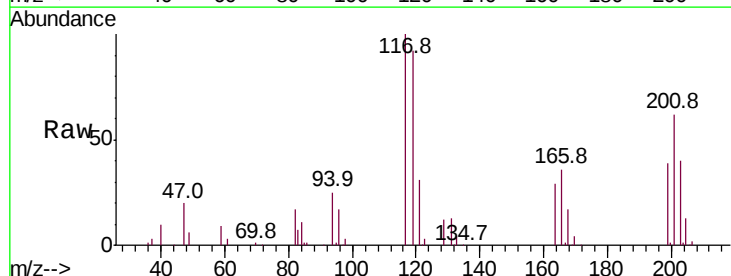
#89
n-Butylbenzene
Concen: 20.988 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

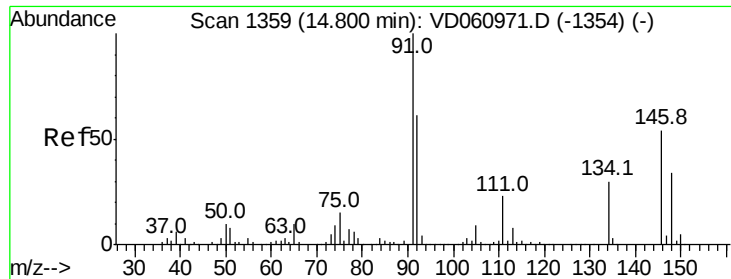
Tot Ion	Ratio	Lower	Upper
91	100		
92	59.3	30.6	91.8
134	28.4	11.0	33.0



#90
Hexachloroethane
Concen: 22.313 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. -0.00 min
Lab File: VD061126.D
Acq: 17 Mar 2019 00:48

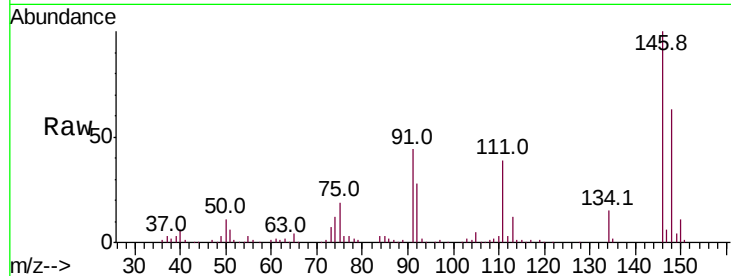
Tgt Ion	Ratio	Lower	Upper
117	100		
201	62.3	36.2	108.6



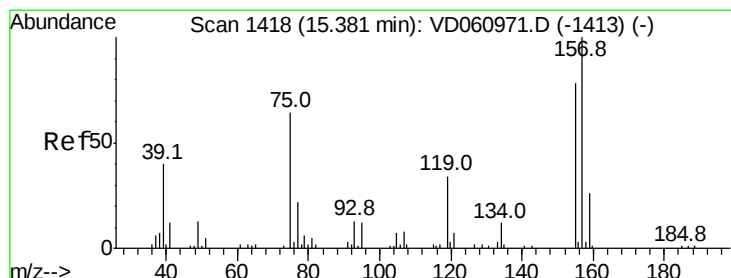
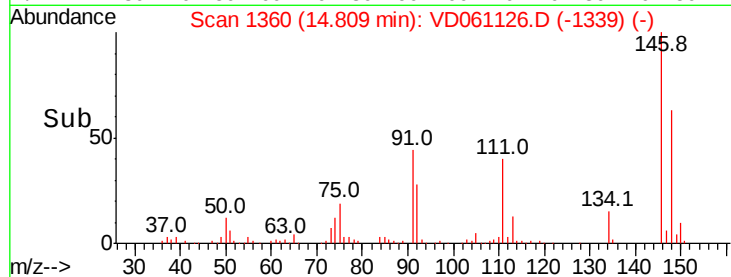
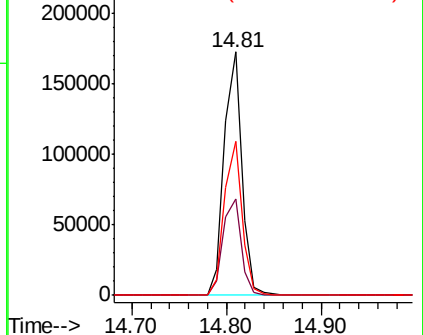


#91
 1,2-Dichlorobenzene
 Concen: 22.553 ug/l
 RT: 14.81 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tot Ion:146 Resp: 223608
 Ion Ratio Lower Upper
 146 100
 111 39.4 21.5 64.5
 148 63.4 30.9 92.8

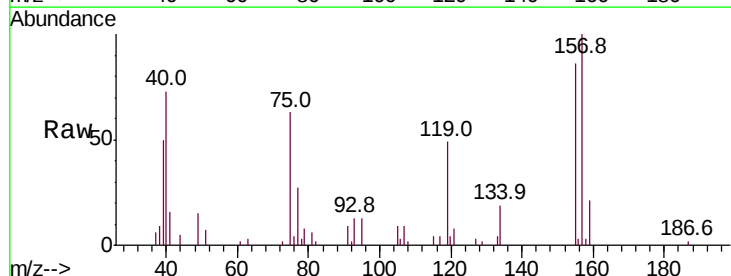


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

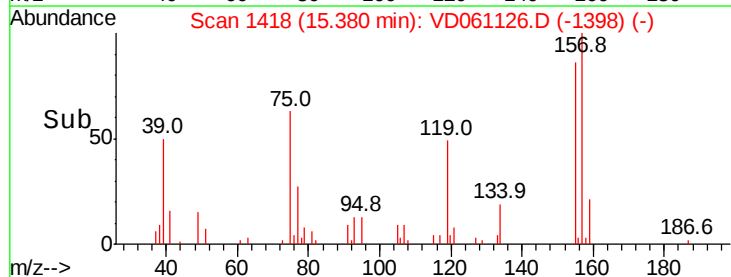
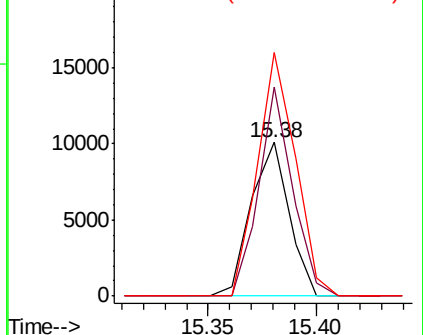


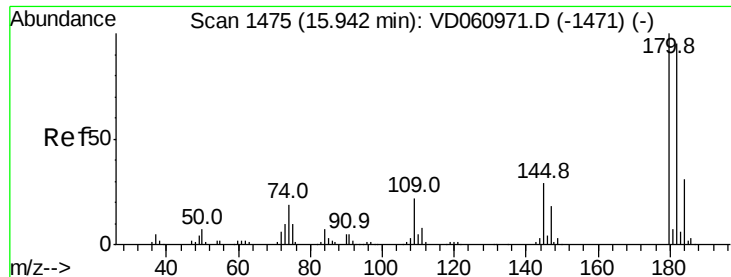
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.859 ug/l
 RT: 15.38 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion: 75 Resp: 12182
 Ion Ratio Lower Upper
 75 100
 155 136.3 61.2 183.5
 157 158.5 78.3 234.8



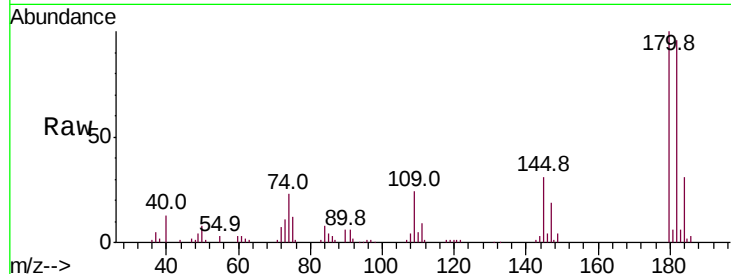
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



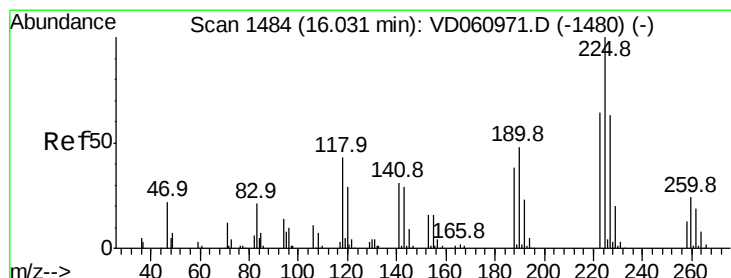
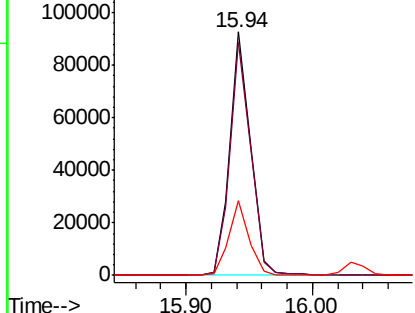
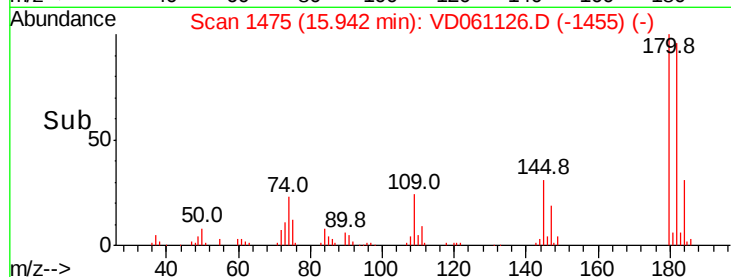


#93
 1,2,4-Trichlorobenzene
 Concen: 22.809 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	30.7	14.4	43.0

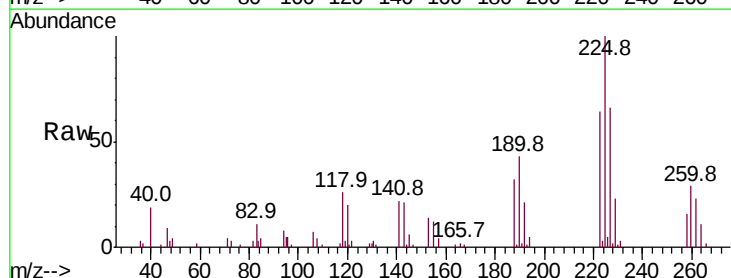


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

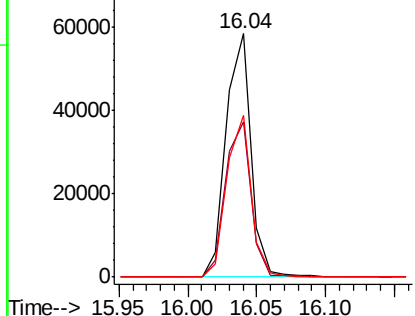
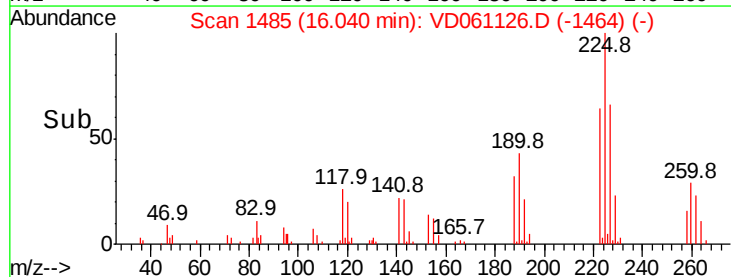


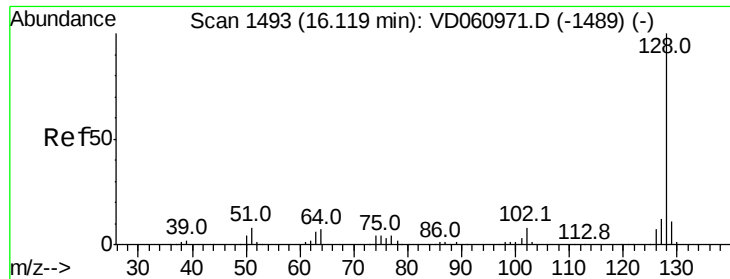
#94
 Hexachlorobutadiene
 Concen: 21.057 ug/l
 RT: 16.04 min Scan# 1485
 Delta R.T. 0.01 min
 Lab File: VD061126.D
 Acq: 17 Mar 2019 00:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.8	95.3
227	66.4	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: 25.219 ug/l

RT: 16.12 min Scan# 1493

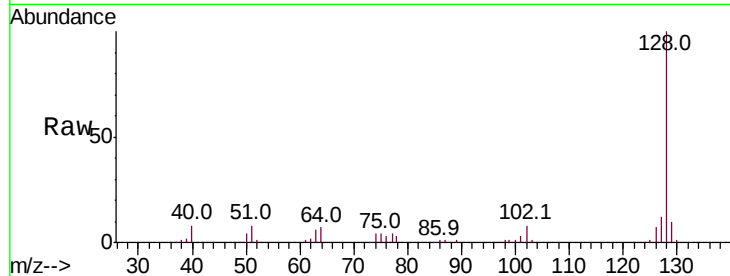
Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

Tot Ion:128 Resp: 176264

Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.8	14.8
129	10.1	8.5	12.7

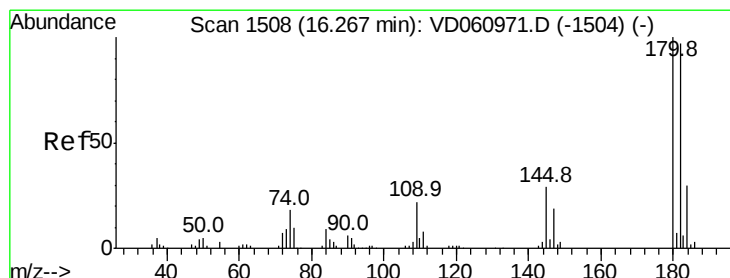
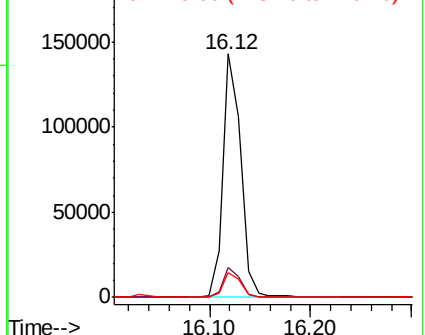
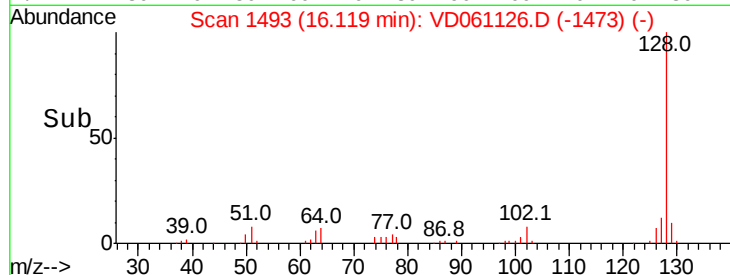


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 23.886 ug/l

RT: 16.27 min Scan# 1508

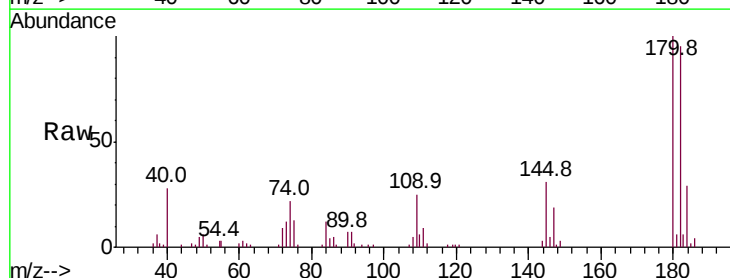
Delta R.T. -0.00 min

Lab File: VD061126.D

Acq: 17 Mar 2019 00:48

Tgt Ion:180 Resp: 54261

Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.6	145.8
145	31.1	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

