

Data File : VV006083.D
Acq On : 27 May 2018 13:28
Operator : SY/MD
Sample : VSTD00570
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 27 23:57:56 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Sun May 27 23:57:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	261543	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	234186	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108234	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	10556	5.59	ug/L	0.00
7) Chloroethane-d5	1.55	69	3564	3.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	20248	5.80	ug/L	0.00
21) 2-Butanone-d5	3.95	46	9294	8.93	ug/L	0.00
24) Chloroform-d	4.40	84	18330	5.24	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	12112	5.29	ug/L	0.00
32) Benzene-d6	5.10	84	36573	5.66	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	12404	5.97	ug/L	0.00
41) Toluene-d8	7.36	98	32426	5.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4478	4.78	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	7373	9.00	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	16382	5.68	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	13431	5.95	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	11644	5.21	ug/L	# 83
3) Chloromethane	1.26	50	12536	5.10	ug/L	96
5) Vinyl chloride	1.32	62	13133	5.94	ug/L	99
6) Bromomethane	1.51	94	5134	5.52	ug/L	98
8) Chloroethane	1.57	64	3722	3.32	ug/L	94
9) Trichlorofluoromethane	1.75	101	17574	5.76	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	10793	6.17	ug/L	98
12) 1,1-Dichloroethene	2.13	96	9789	6.08	ug/L	83
13) Acetone	2.20	43	14759	13.39	ug/L	98
14) Carbon disulfide	2.31	76	26227	5.55	ug/L	100
15) Methyl Acetate	2.46	43	13158	5.86	ug/L	97
16) Methylene chloride	2.53	84	10955	5.73	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	10376	6.01	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	33718	5.81	ug/L	98
19) 1,1-Dichloroethane	3.22	63	18896	5.40	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	10726	5.27	ug/L	95
22) 2-Butanone	4.04	43	17200	11.11	ug/L	97
23) Bromochloromethane	4.30	128	5529	5.56	ug/L	97
25) Chloroform	4.43	83	18079	4.98	ug/L	93
27) 1,2-Dichloroethane	5.18	62	15315	5.21	ug/L	97
29) Cyclohexane	4.72	56	15542	5.45	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	15056	5.06	ug/L	96
31) Carbon tetrachloride	4.87	117	12769	4.97	ug/L	99
33) Benzene	5.15	78	42128	5.81	ug/L	100
34) Trichloroethene	5.96	95	11069	5.96	ug/L	93
35) Methylcyclohexane	6.18	83	15801	5.40	ug/L	98
37) 1,2-Dichloropropane	6.22	63	11591	5.93	ug/L	99
38) Bromodichloromethane	6.56	83	12521	5.05	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	13856	4.87	ug/L	95
40) 4-Methyl-2-pentanone	7.28	43	26902	10.40	ug/L	98

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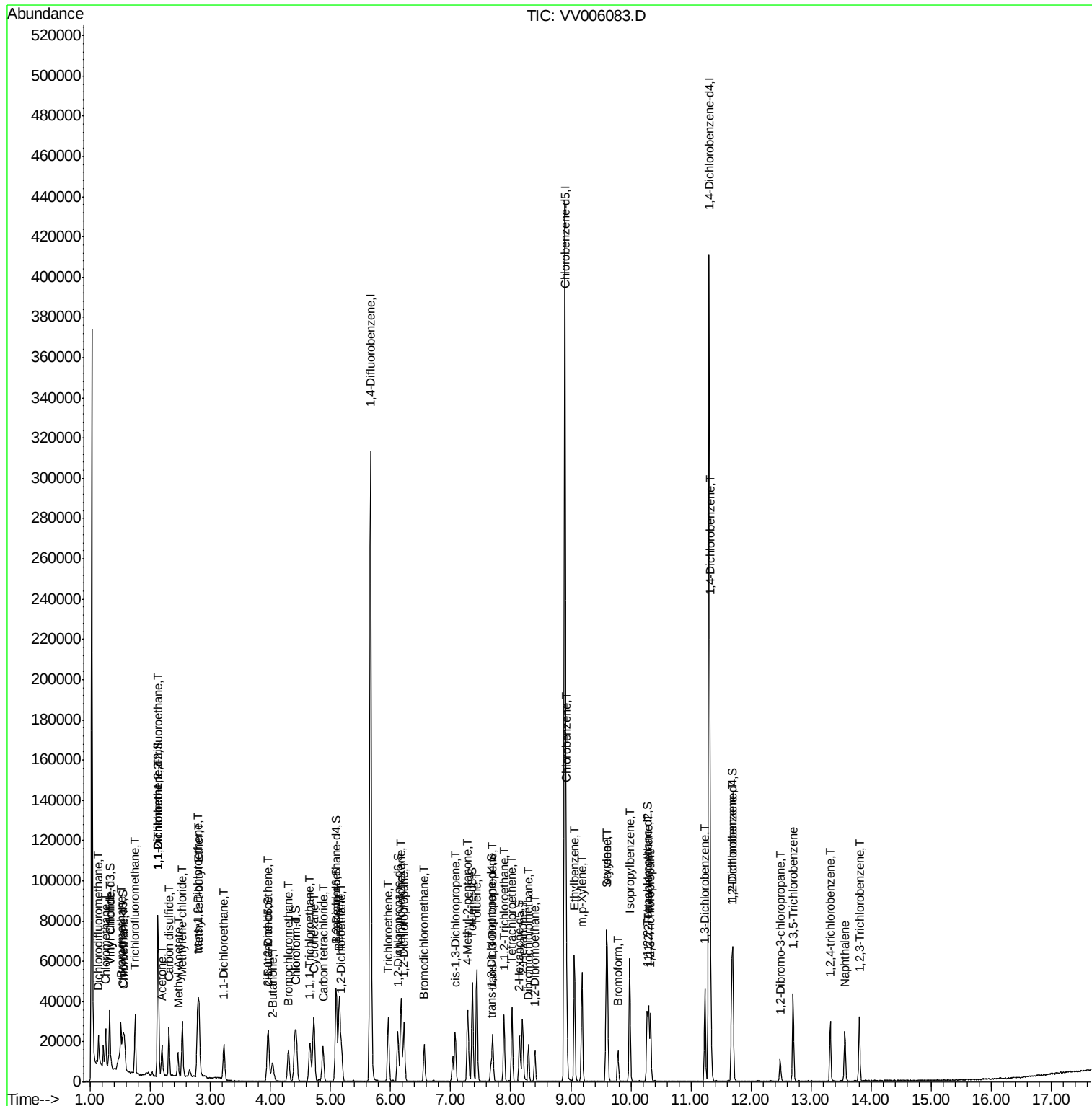
42) Toluene	7.43	91	40834	5.42	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	12412	4.65	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	10656	5.77	ug/L	96
46) Tetrachloroethene	8.02	164	8880	6.19	ug/L	91
48) 2-Hexanone	8.20	43	21868	10.81	ug/L	96
49) Dibromochloromethane	8.30	129	9783	5.03	ug/L	94
50) 1,2-Dibromoethane	8.40	107	9979	5.26	ug/L	96
51) Chlorobenzene	8.93	112	27879	5.54	ug/L	98
52) Ethylbenzene	9.06	91	41658	5.04	ug/L	99
53) m,p-Xylene	9.19	106	15159	4.94	ug/L	99
54) o-xylene	9.59	106	15238	5.05	ug/L	96
55) Styrene	9.61	104	23753	4.59	ug/L	97
56) Isopropylbenzene	9.98	105	37953	4.71	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.30	83	17445	5.66	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	13624	5.47	ug/L	96
61) Bromoform	9.78	173	7024	5.44	ug/L #	96
62) 1,3-Dichlorobenzene	11.23	146	19468	5.46	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	20732	5.54	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	21246	5.52	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	2690	4.37	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	14023	5.40	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	9846	4.65	ug/L	98
69) Naphthalene	13.56	128	21054	3.29	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	10586	4.56	ug/L	98

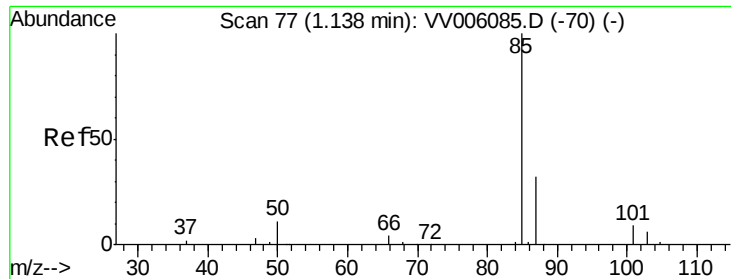
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 5.21 ug/L

RT: 1.14 min Scan# 77

Delta R.T. 0.00 min

Lab File: VV006083.D

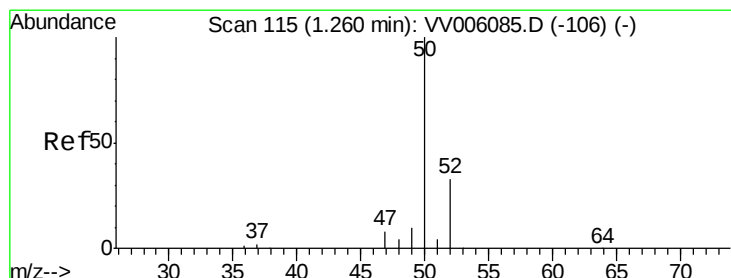
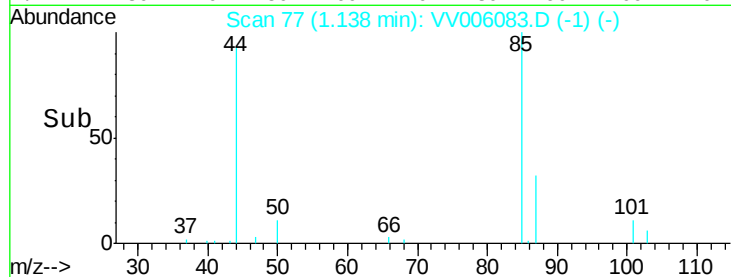
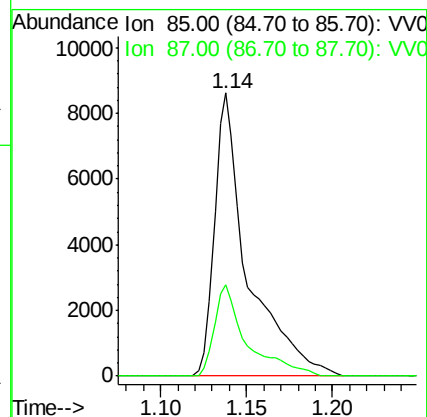
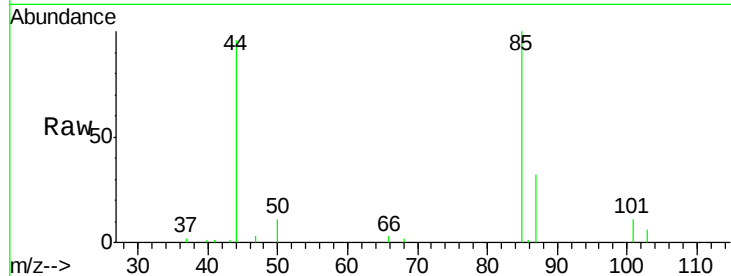
Acq: 27 May 2018 13:28

Tgt Ion: 85 Resp: 11644

Ion Ratio Lower Upper

85 100

87 31.5 18.6 28.0#



#3

Chloromethane

Concen: 5.10 ug/L

RT: 1.26 min Scan# 114

Delta R.T. -0.00 min

Lab File: VV006083.D

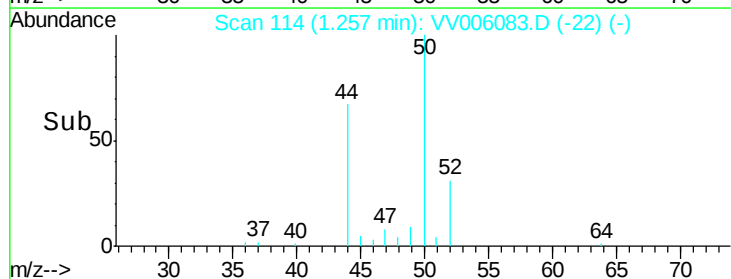
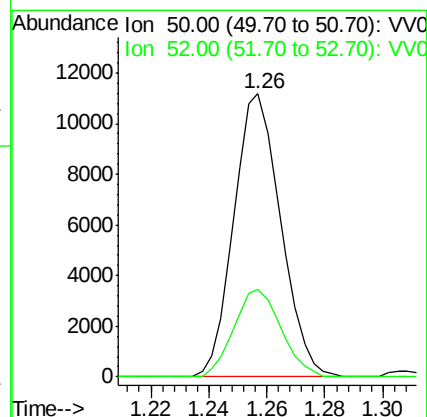
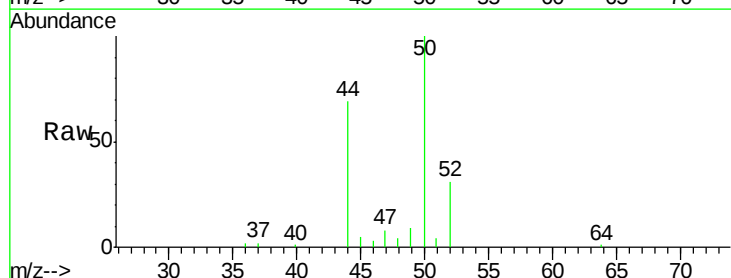
Acq: 27 May 2018 13:28

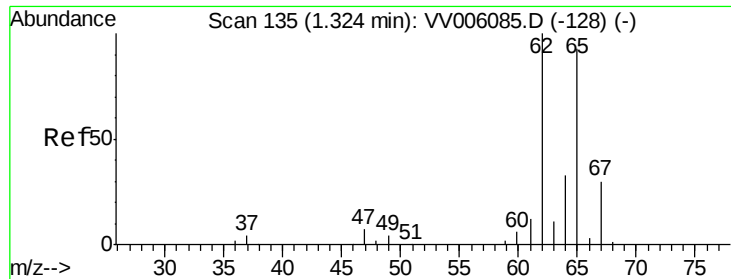
Tgt Ion: 50 Resp: 12536

Ion Ratio Lower Upper

50 100

52 31.1 23.2 43.0





#5

Vinyl chloride

Concen: 5.94 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006083.D

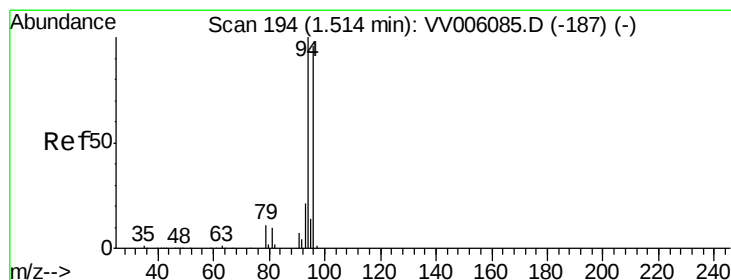
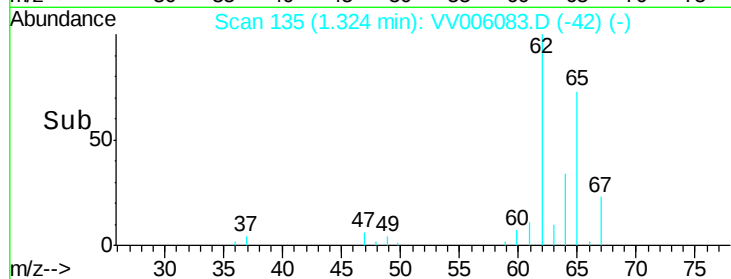
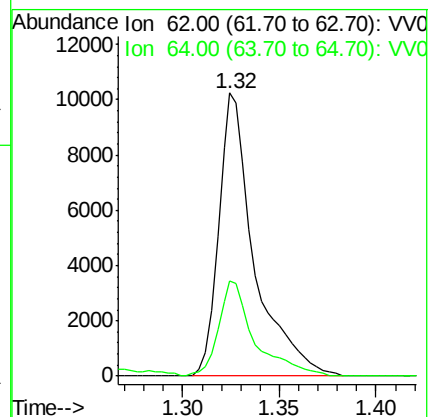
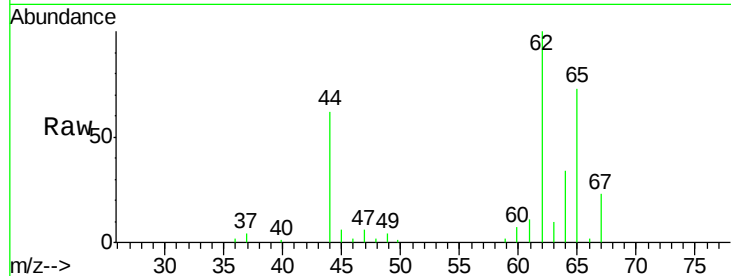
Acq: 27 May 2018 13:28

Tgt Ion: 62 Resp: 13133

Ion Ratio Lower Upper

62 100

64 33.6 23.1 42.9



#6

Bromomethane

Concen: 5.52 ug/L

RT: 1.51 min Scan# 194

Delta R.T. 0.00 min

Lab File: VV006083.D

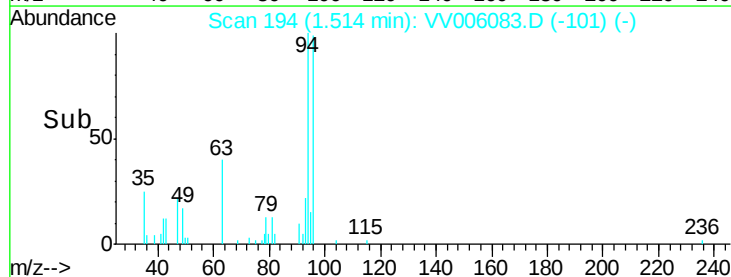
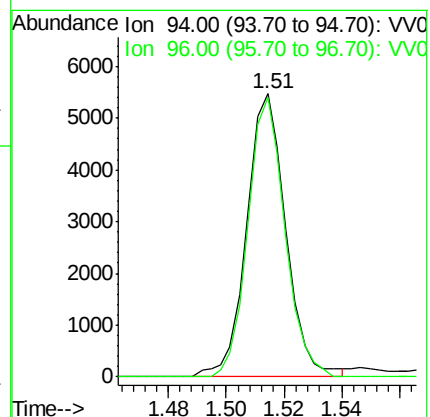
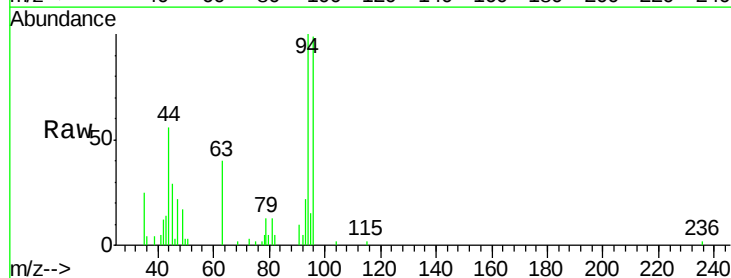
Acq: 27 May 2018 13:28

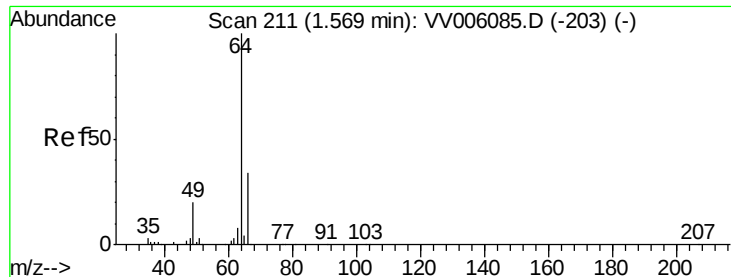
Tgt Ion: 94 Resp: 5134

Ion Ratio Lower Upper

94 100

96 98.6 67.3 125.1





#8

Chloroethane

Concen: 3.32 ug/L

RT: 1.57 min Scan# 211

Delta R.T. 0.00 min

Lab File: VV006083.D

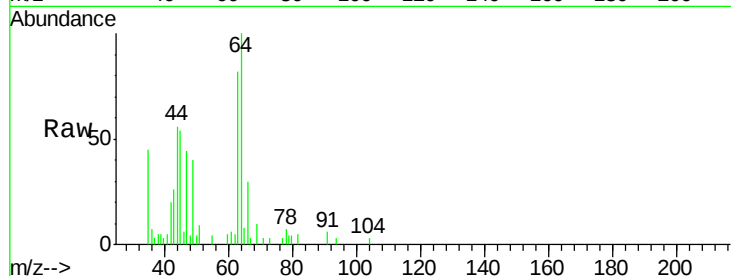
Acq: 27 May 2018 13:28

Tgt Ion: 64 Resp: 3722

Ion Ratio Lower Upper

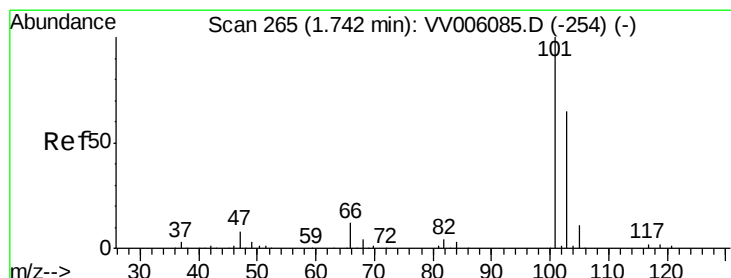
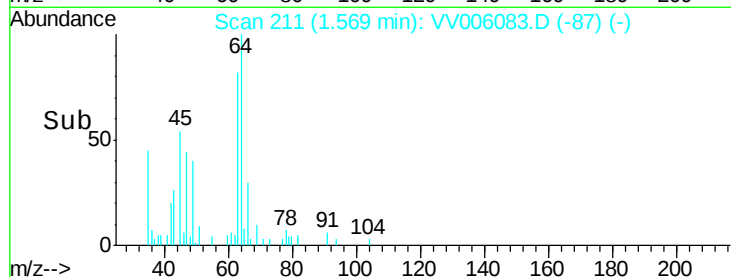
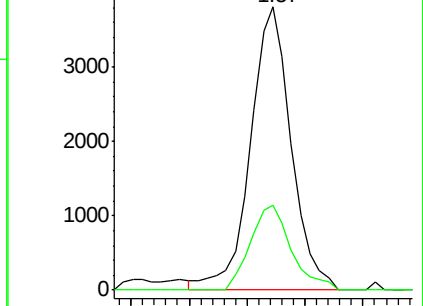
64 100

66 30.1 23.4 43.6



Abundance Ion 64.00 (63.70 to 64.70): VV006085.D (-203) (-)

Ion 66.00 (65.70 to 66.70): VV006085.D (-203) (-)



#9

Trichlorofluoromethane

Concen: 5.76 ug/L

RT: 1.75 min Scan# 267

Delta R.T. 0.01 min

Lab File: VV006083.D

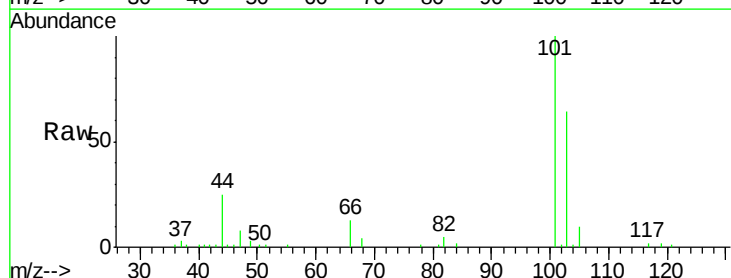
Acq: 27 May 2018 13:28

Tgt Ion: 101 Resp: 17574

Ion Ratio Lower Upper

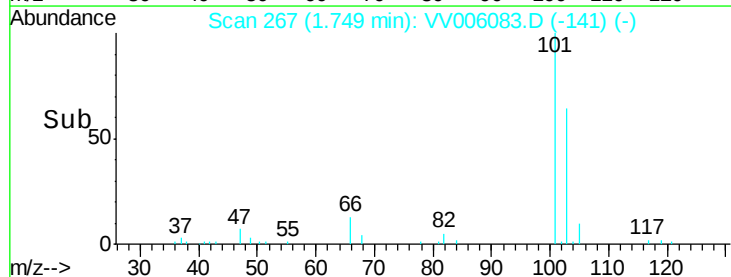
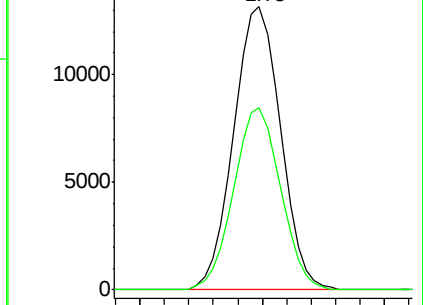
101 100

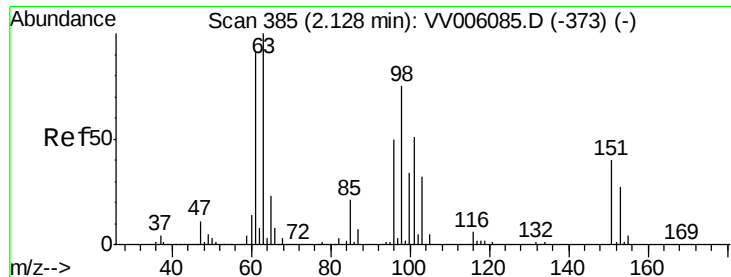
103 64.2 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): VV006085.D (-254) (-)

Ion 103.00 (102.70 to 103.70): VV006085.D (-254) (-)





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 6.17 ug/L

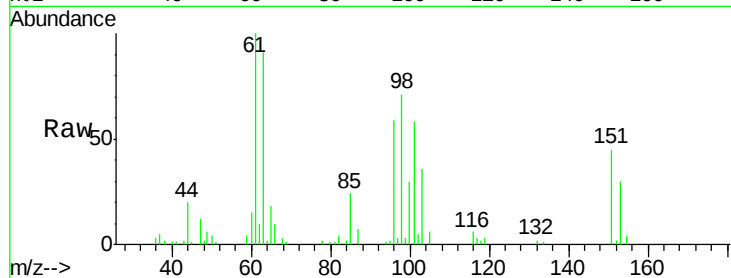
RT: 2.13 min Scan# 386

Delta R.T. 0.00 min

Lab File: VV006083.D

Acq: 27 May 2018 13:28

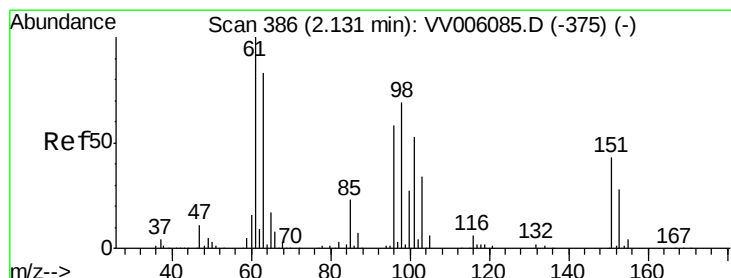
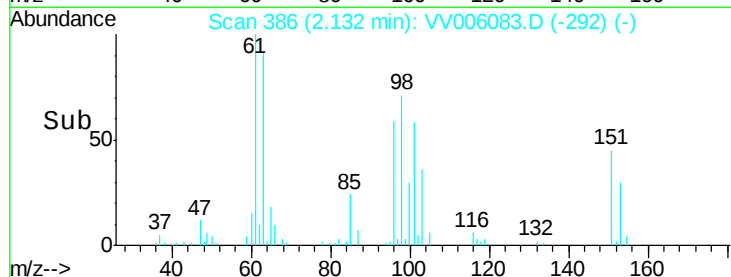
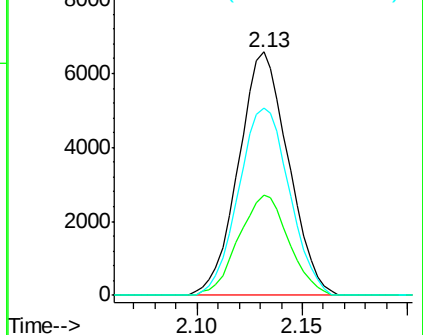
Tgt Ion:	101	Resp:	10793
Ion	Ratio	Lower	Upper
101	100		
85	41.3	34.0	51.0
151	78.6	64.7	97.1



Abundance Ion 101.00 (100.70 to 101.70): VV006083.D (-292) (-)

Ion 85.00 (84.70 to 85.70): VV006083.D (-292) (-)

Ion 151.00 (150.70 to 151.70): VV006083.D (-292) (-)



#12

1,1-Dichloroethene

Concen: 6.08 ug/L

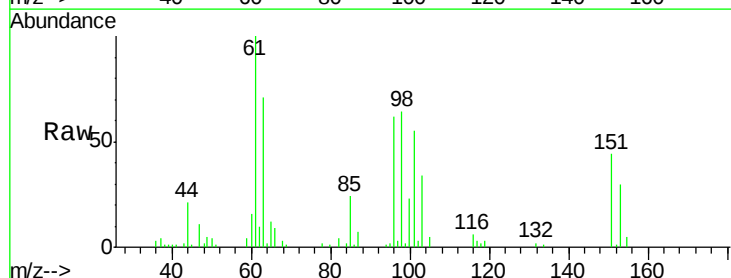
RT: 2.13 min Scan# 387

Delta R.T. 0.00 min

Lab File: VV006083.D

Acq: 27 May 2018 13:28

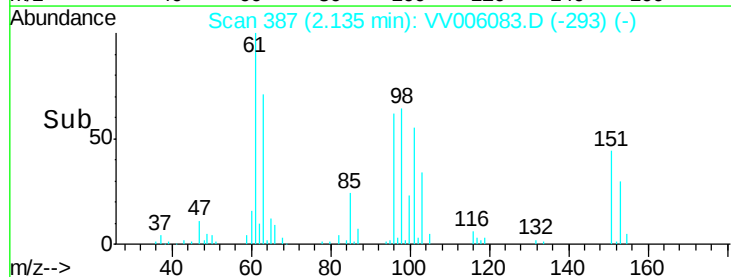
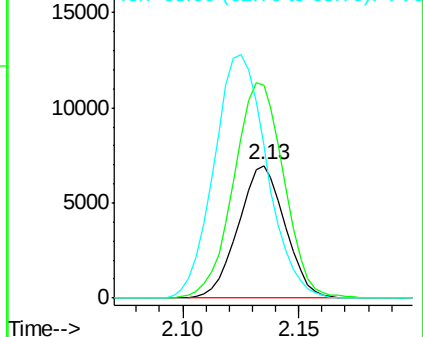
Tgt Ion:	96	Resp:	9789
Ion	Ratio	Lower	Upper
96	100		
61	160.4	120.5	223.9
63	114.6	103.3	191.9

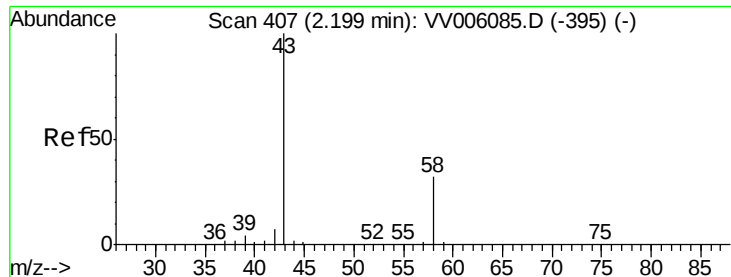


Abundance Ion 96.00 (95.70 to 96.70): VV006083.D (-293) (-)

Ion 61.00 (60.70 to 61.70): VV006083.D (-293) (-)

Ion 63.00 (62.70 to 63.70): VV006083.D (-293) (-)





#13

Acetone

Concen: 13.39 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.00 min

Lab File: VV006083.D

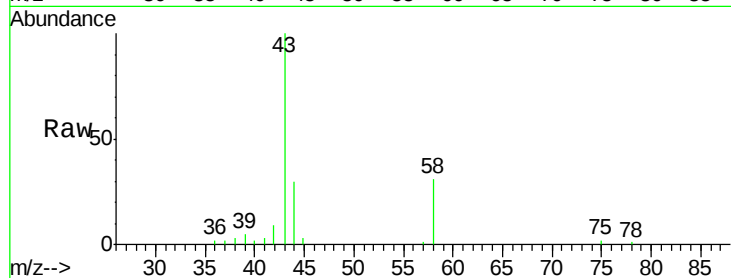
Acq: 27 May 2018 13:28

Tgt Ion: 43 Resp: 14759

Ion Ratio Lower Upper

43 100

58 30.3 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV006083.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VV006083.D (-314) (-)

2.20

10000

8000

6000

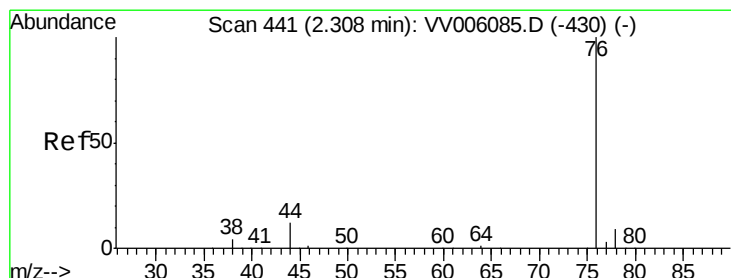
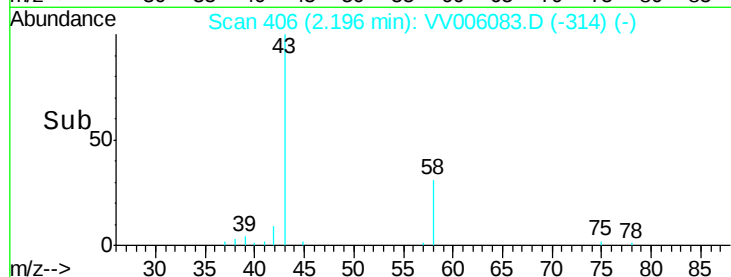
4000

2000

0

Time-->

2.15 2.20 2.25



#14

Carbon disulfide

Concen: 5.55 ug/L

RT: 2.31 min Scan# 442

Delta R.T. 0.00 min

Lab File: VV006083.D

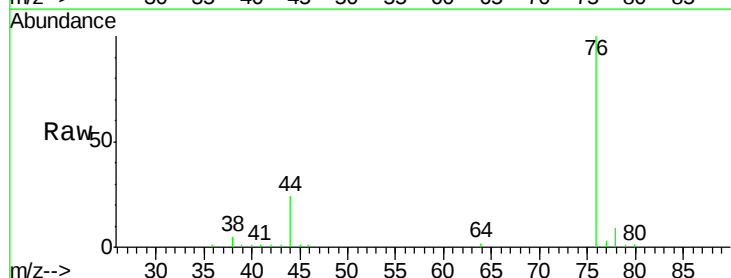
Acq: 27 May 2018 13:28

Tgt Ion: 76 Resp: 26227

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VV006083.D (-348) (-)

Ion 78.00 (77.70 to 78.70): VV006083.D (-348) (-)

2.31

20000

15000

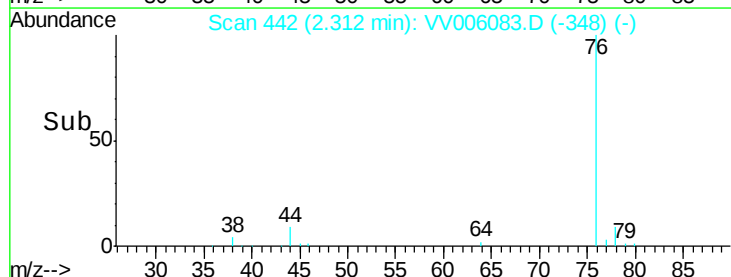
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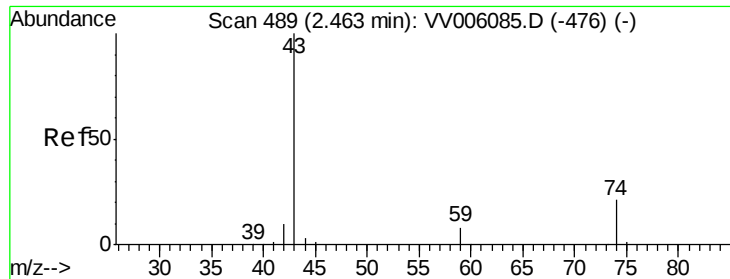
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0

Time-->

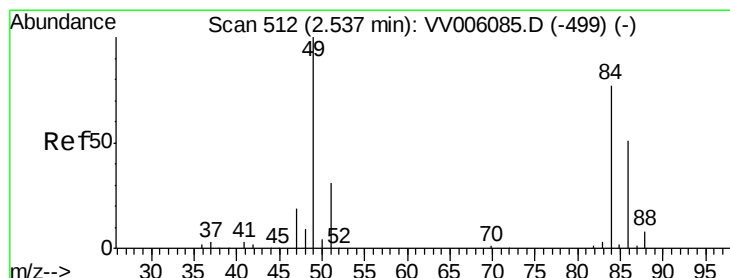
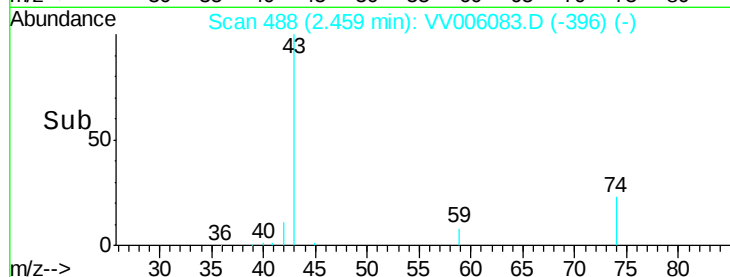
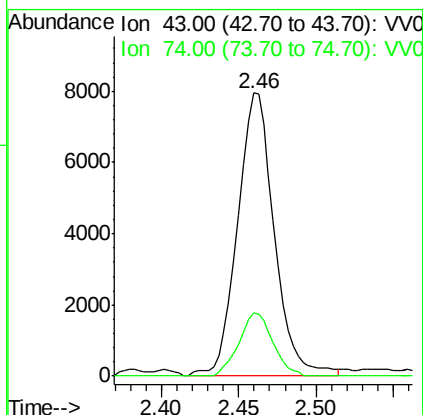
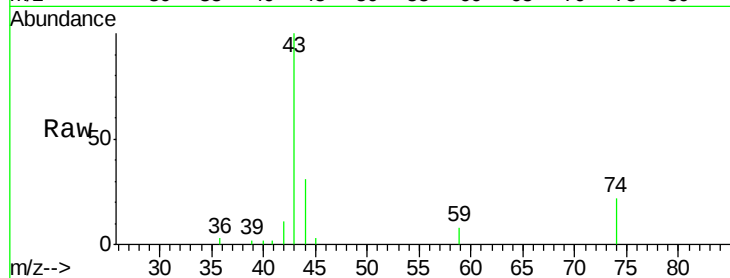
2.25 2.30 2.35





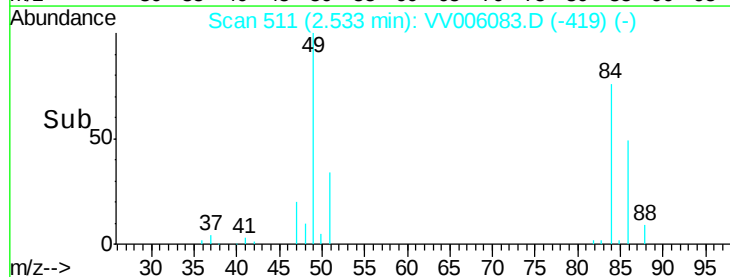
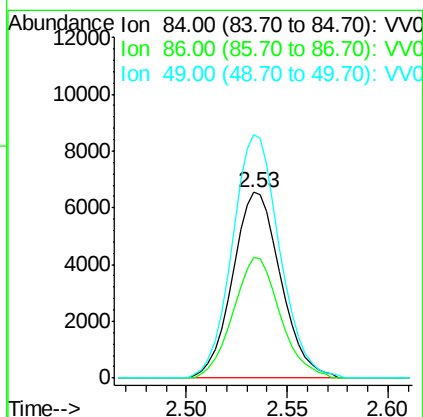
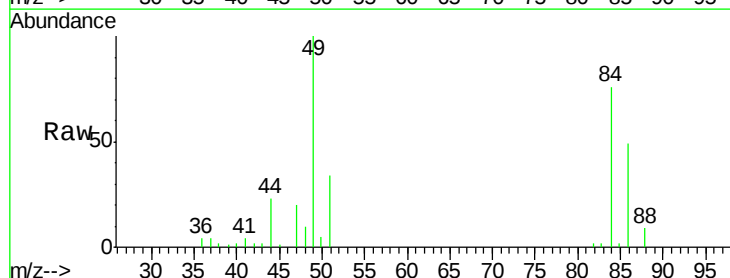
#15
Methyl Acetate
Concen: 5.86 ug/L
RT: 2.46 min Scan# 488
Delta R.T. -0.00 min
Lab File: VV006083.D
Acq: 27 May 2018 13:28

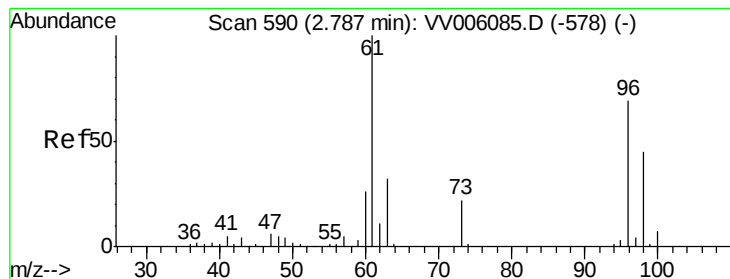
Tgt Ion: 43 Resp: 13158
Ion Ratio Lower Upper
43 100
74 20.6 17.6 26.4



#16
Methylene chloride
Concen: 5.73 ug/L
RT: 2.53 min Scan# 511
Delta R.T. -0.00 min
Lab File: VV006083.D
Acq: 27 May 2018 13:28

Tgt Ion: 84 Resp: 10955
Ion Ratio Lower Upper
84 100
86 65.0 46.3 85.9
49 131.2 90.7 168.5





#17

trans-1,2-Dichloroethene

Concen: 6.01 ug/L

RT: 2.79 min Scan# 590

Delta R.T. 0.00 min

Lab File: VV006083.D

Acq: 27 May 2018 13:28

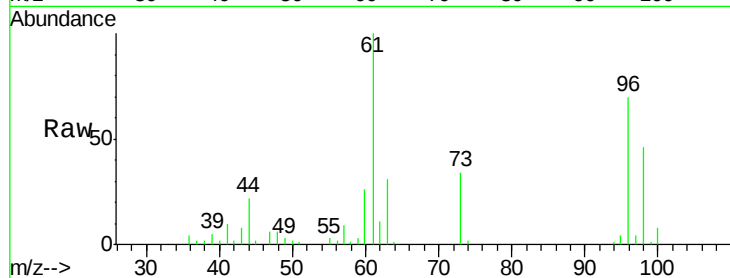
Tgt Ion: 96 Resp: 10376

Ion Ratio Lower Upper

96 100

61 142.5 102.1 189.5

98 65.0 45.4 84.2

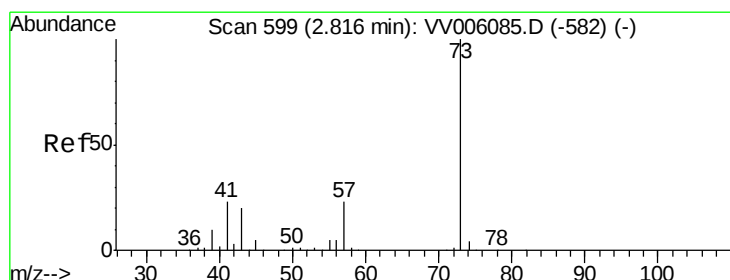
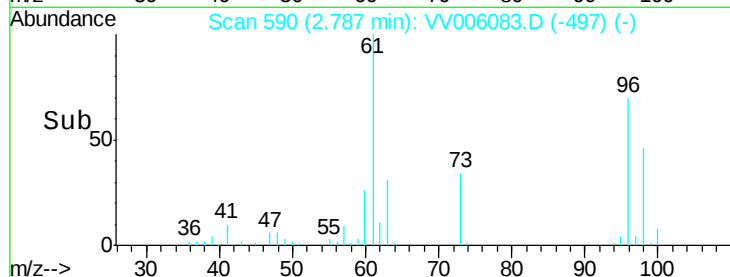
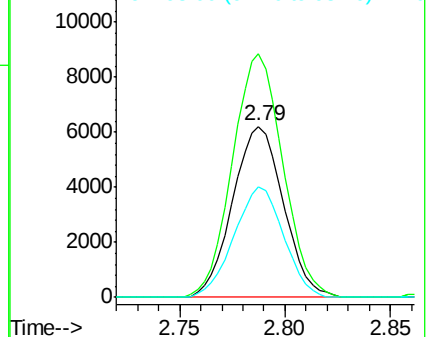


Abundance

Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#18

Methyl tert-butyl Ether

Concen: 5.81 ug/L

RT: 2.81 min Scan# 597

Delta R.T. -0.01 min

Lab File: VV006083.D

Acq: 27 May 2018 13:28

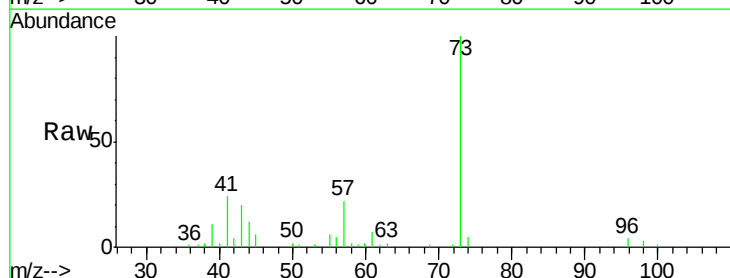
Tgt Ion: 73 Resp: 33718

Ion Ratio Lower Upper

73 100

43 21.5 15.9 23.9

57 22.9 18.2 27.4

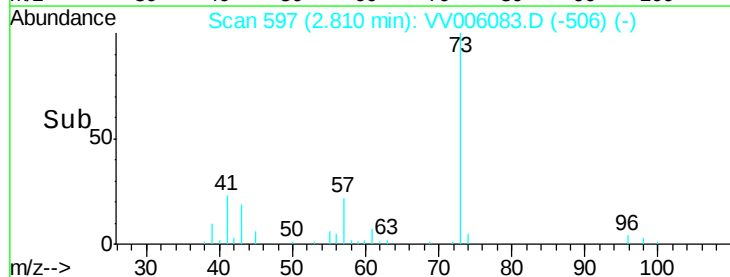
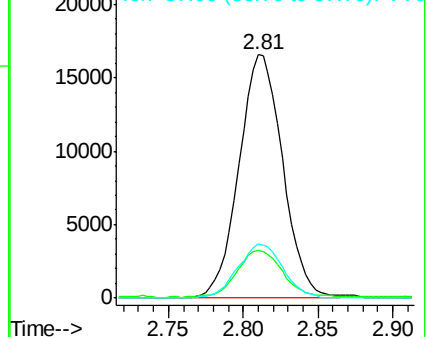


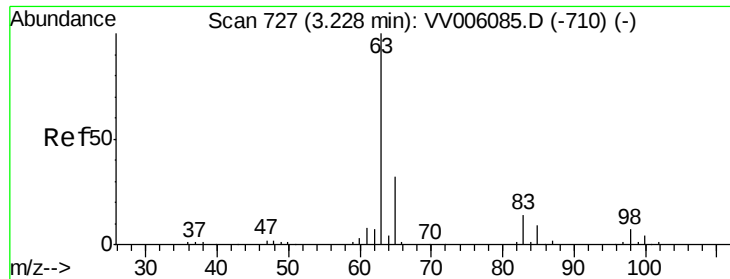
Abundance

Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

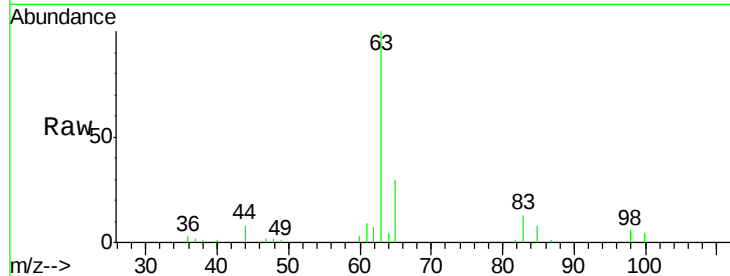
Ion 57.00 (56.70 to 57.70): VV0



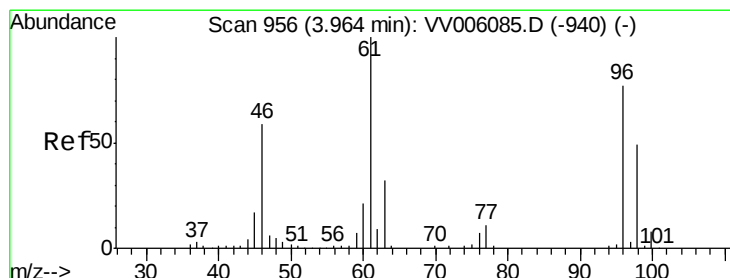
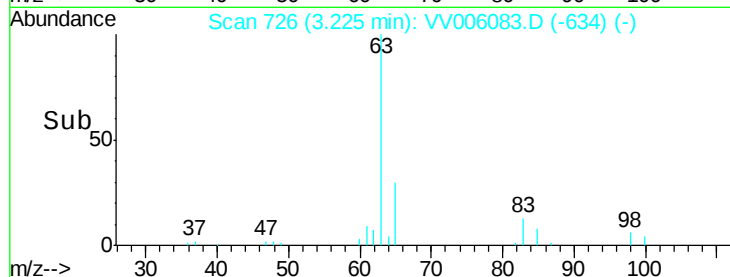
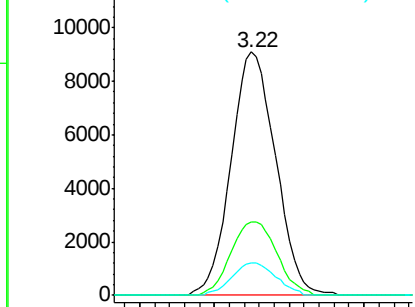


#19
 1,1-Dichloroethane
 Concen: 5.40 ug/L
 RT: 3.22 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: VV006083.D
 Acq: 27 May 2018 13:28

Tgt Ion:	63	Resp:	18896
Ion	Ratio	Lower	Upper
63	100		
65	30.1	22.3	41.5
83	13.5	9.5	17.7

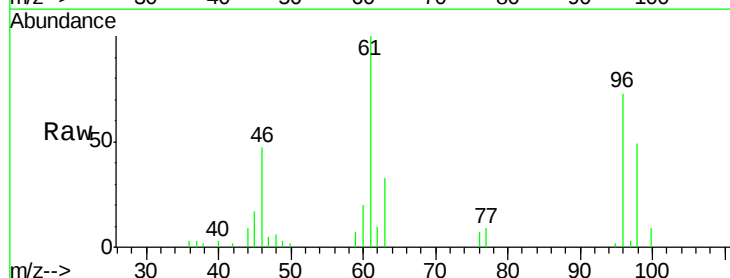


Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 65.00 (64.70 to 65.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0

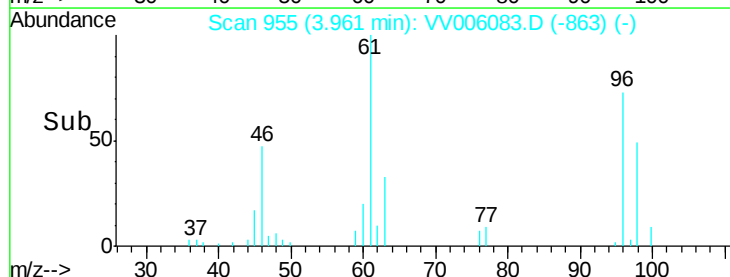
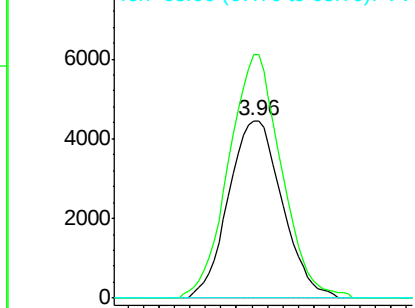


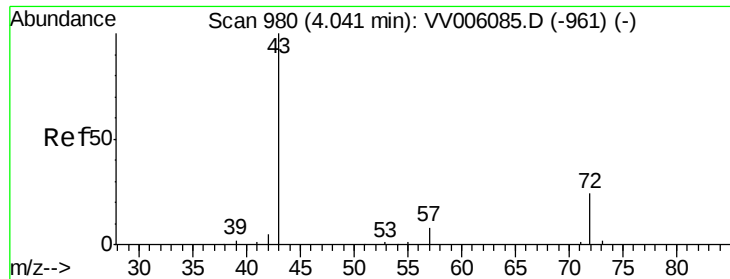
#20
 cis-1,2-Dichloroethene
 Concen: 5.27 ug/L
 RT: 3.96 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: VV006083.D
 Acq: 27 May 2018 13:28

Tgt Ion:	96	Resp:	10726
Ion	Ratio	Lower	Upper
96	100		
61	137.4	91.7	170.3
68	0.0	0.0	0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 11.11 ug/L

RT: 4.04 min Scan# 979

Delta R.T. -0.00 min

Lab File: VV006083.D

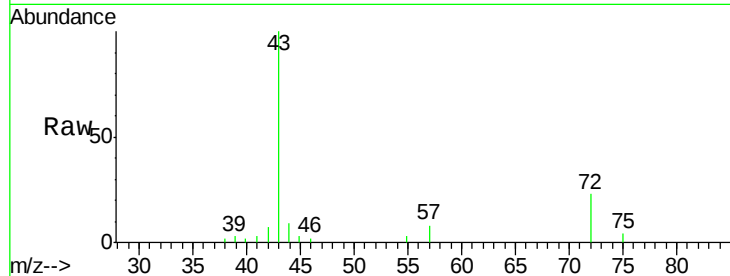
Acq: 27 May 2018 13:28

Tgt Ion: 43 Resp: 17200

Ion Ratio Lower Upper

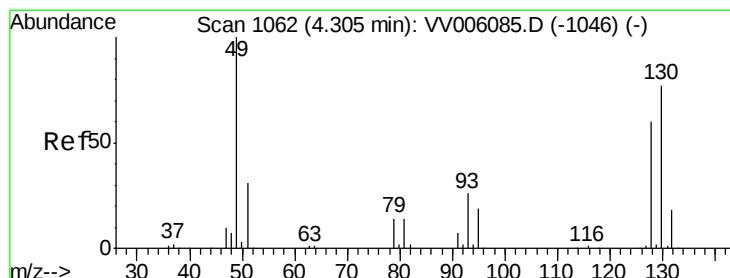
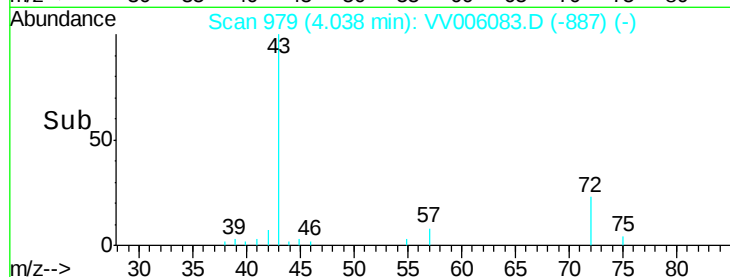
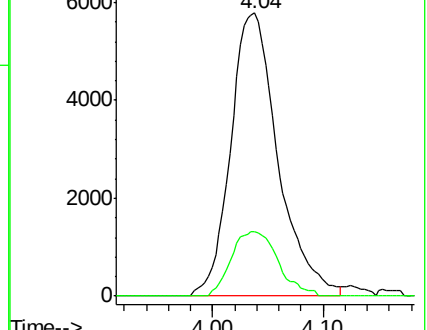
43 100

72 22.3 11.9 35.5



Abundance Ion 43.00 (42.70 to 43.70): VV006083.D (-887) (-)

Ion 72.00 (71.70 to 72.70): VV006083.D (-887) (-)



#23

Bromochloromethane

Concen: 5.56 ug/L

RT: 4.30 min Scan# 1060

Delta R.T. -0.01 min

Lab File: VV006083.D

Acq: 27 May 2018 13:28

Tgt Ion: 128 Resp: 5529

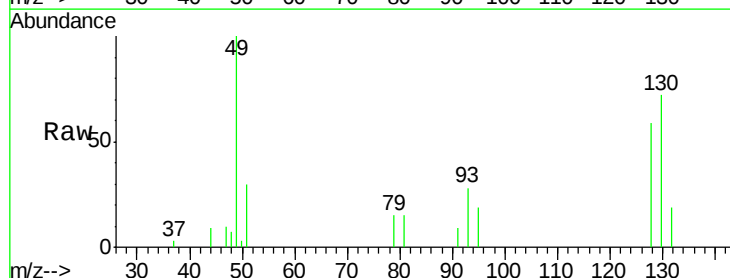
Ion Ratio Lower Upper

128 100

49 170.5 118.1 219.3

130 122.3 90.1 167.3

51 50.4 41.9 62.9

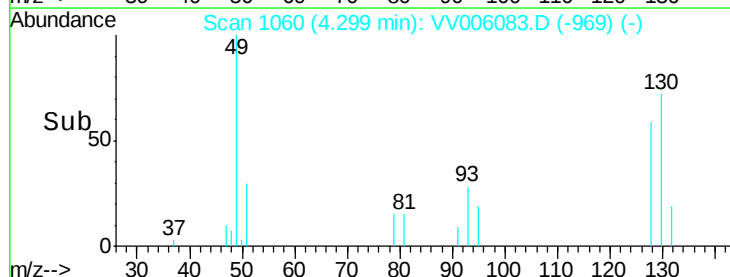
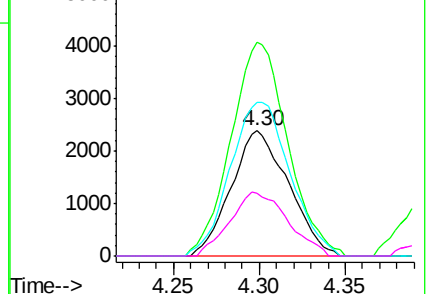


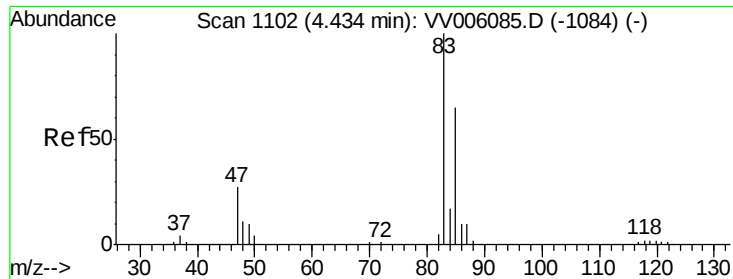
Abundance Ion 128.00 (127.70 to 128.70): VV006083.D (-969) (-)

Ion 49.00 (48.70 to 49.70): VV006083.D (-969) (-)

Ion 130.00 (129.70 to 130.70): VV006083.D (-969) (-)

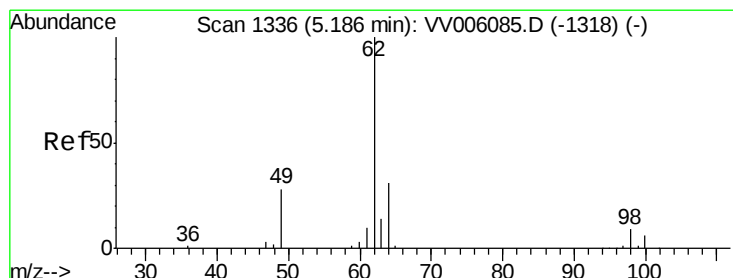
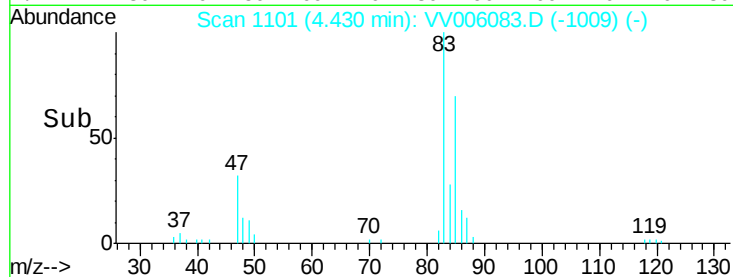
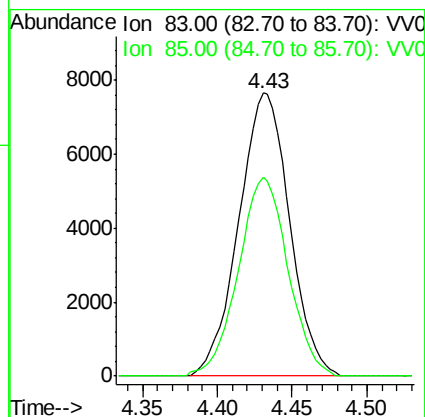
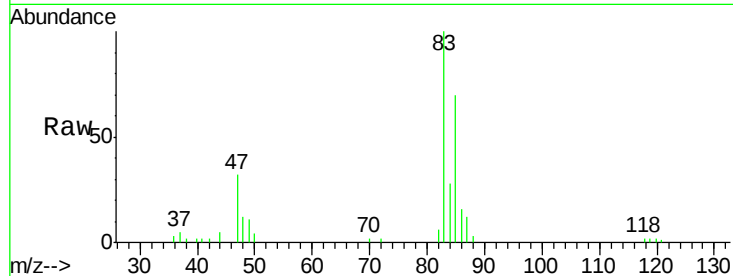
Ion 51.00 (50.70 to 51.70): VV006083.D (-969) (-)





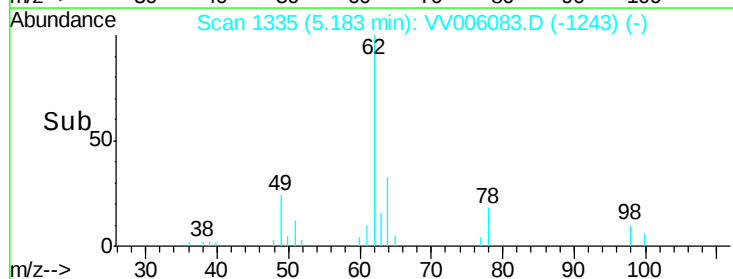
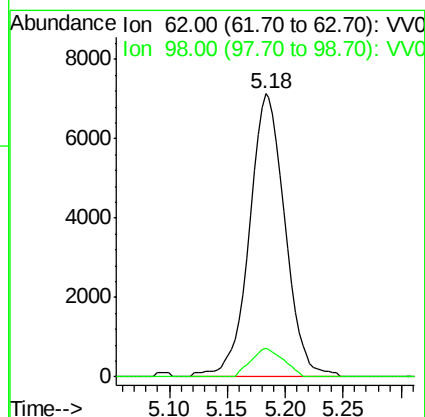
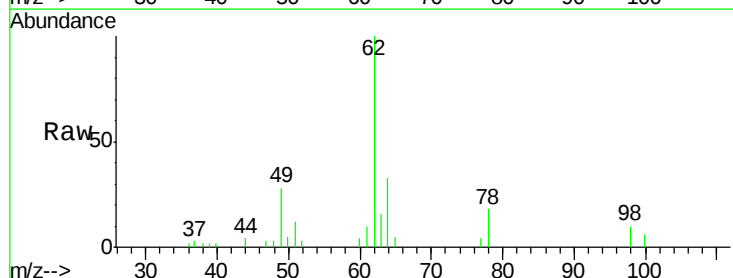
#25
Chloroform
Concen: 4.98 ug/L
RT: 4.43 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VV006083.D
Acq: 27 May 2018 13:28

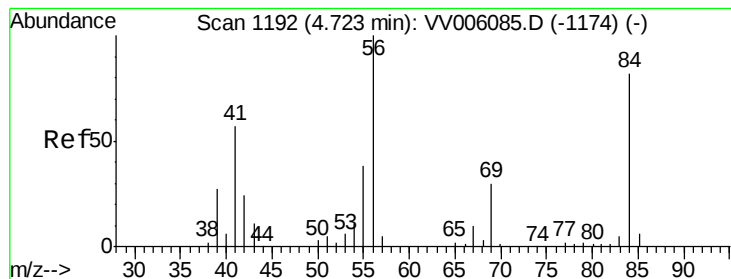
Tgt Ion: 83 Resp: 18079
Ion Ratio Lower Upper
83 100
85 70.4 45.6 84.8



#27
1,2-Dichloroethane
Concen: 5.21 ug/L
RT: 5.18 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VV006083.D
Acq: 27 May 2018 13:28

Tgt Ion: 62 Resp: 15315
Ion Ratio Lower Upper
62 100
98 10.1 7.4 11.0





#29

Cyclohexane

Concen: 5.45 ug/L

RT: 4.72 min Scan# 1192

Delta R.T. 0.00 min

Lab File: VV006083.D

Acq: 27 May 2018 13:28

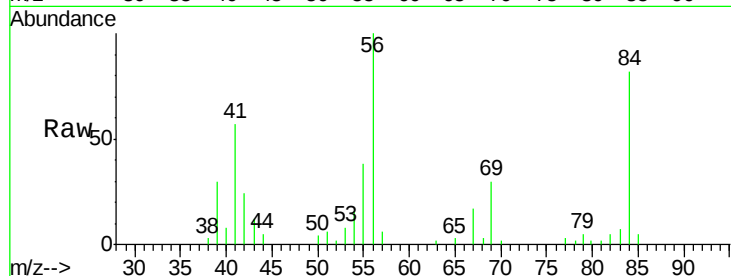
Tgt Ion: 56 Resp: 15542

Ion Ratio Lower Upper

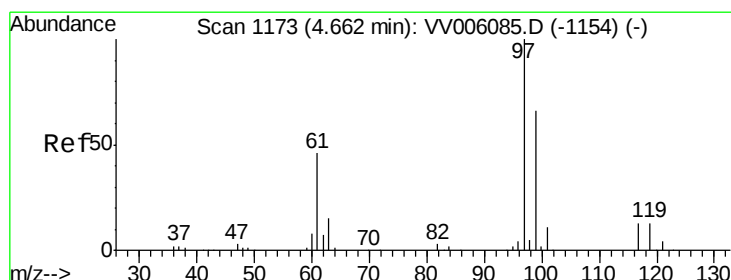
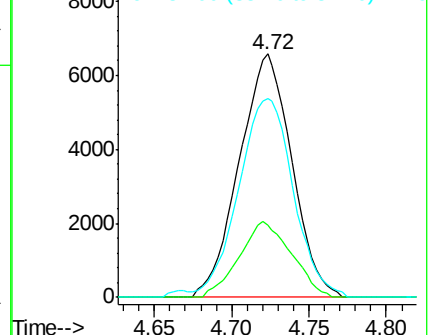
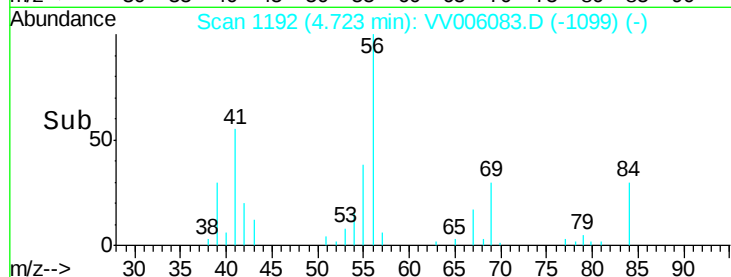
56 100

69 30.8 23.8 35.6

84 85.2 67.1 100.7



Abundance Ion 56.00 (55.70 to 56.70): VV006083.D (-1099) (-)



#30

1,1,1-Trichloroethane

Concen: 5.06 ug/L

RT: 4.66 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VV006083.D

Acq: 27 May 2018 13:28

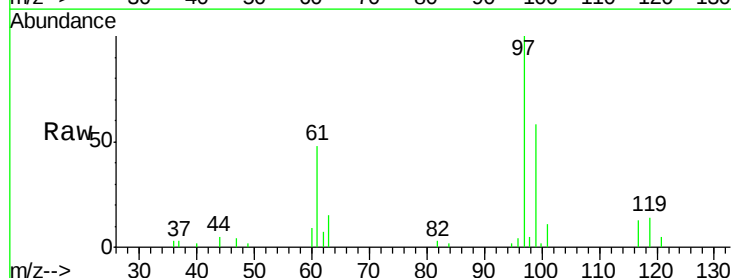
Tgt Ion: 97 Resp: 15056

Ion Ratio Lower Upper

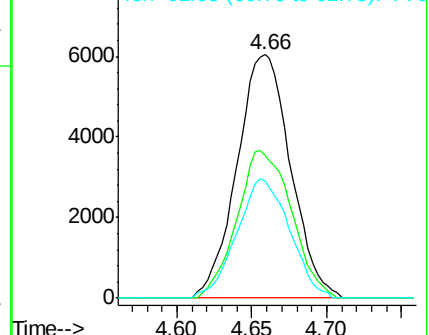
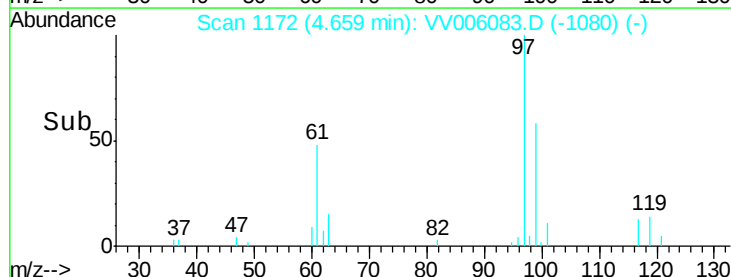
97 100

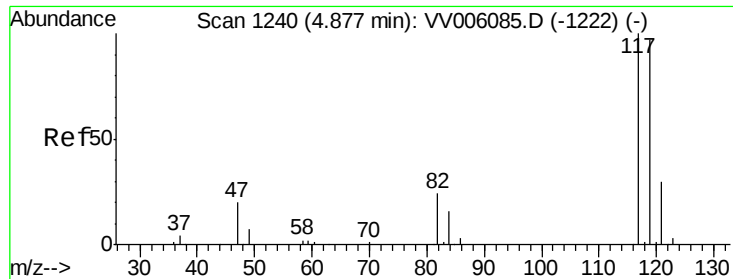
99 61.7 51.9 77.9

61 48.2 37.0 55.6



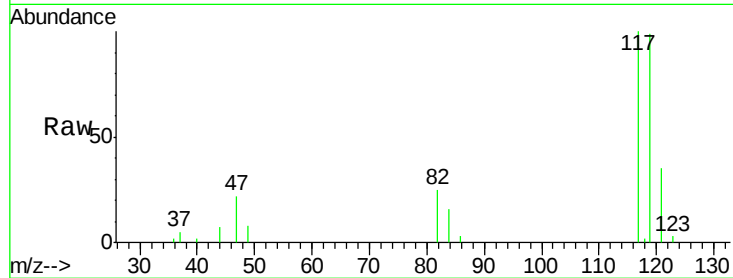
Abundance Ion 97.00 (96.70 to 97.70): VV006083.D (-1080) (-)



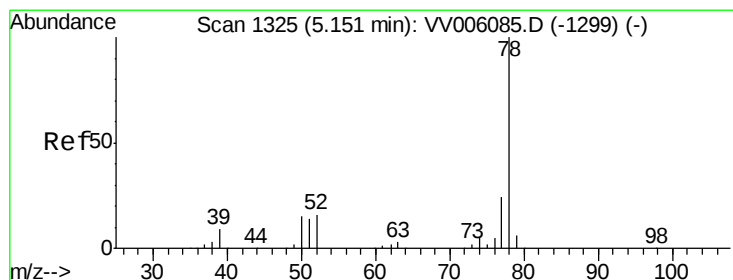
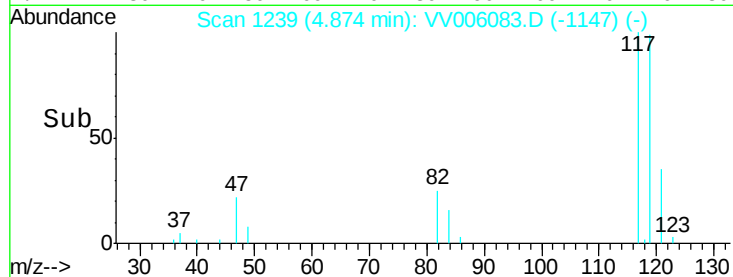
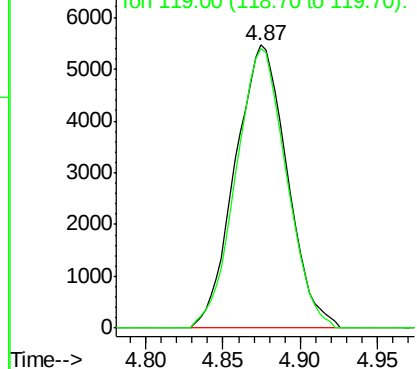


#31
Carbon tetrachloride
Concen: 4.97 ug/L
RT: 4.87 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VV006083.D
Acq: 27 May 2018 13:28

Tgt Ion: 117 Resp: 12769
Ion Ratio Lower Upper
117 100
119 95.6 77.2 115.8

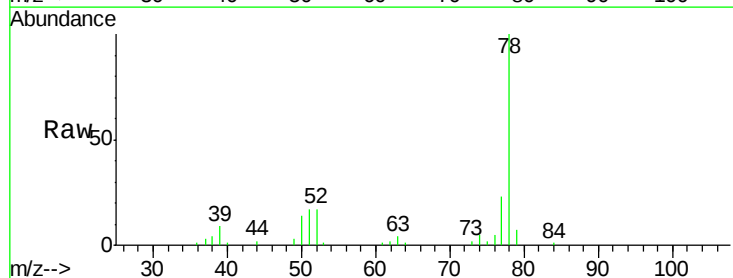


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V

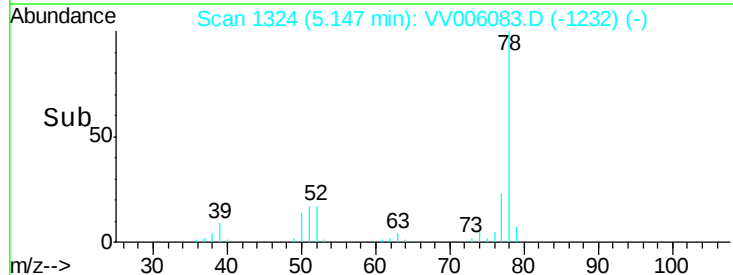
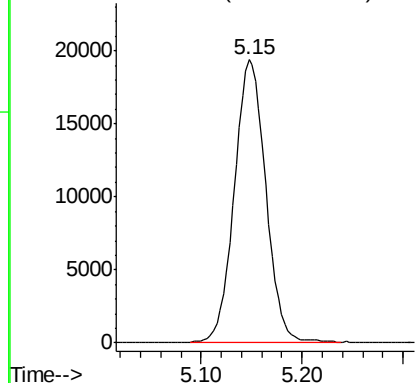


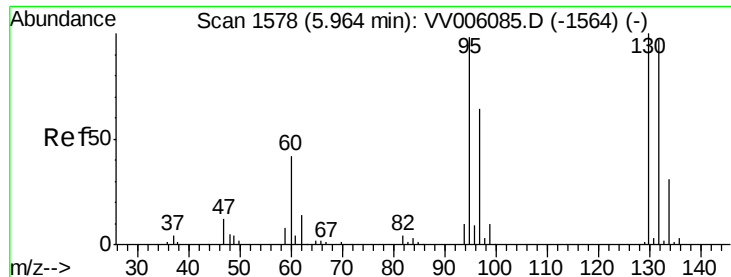
#33
Benzene
Concen: 5.81 ug/L
RT: 5.15 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VV006083.D
Acq: 27 May 2018 13:28

Tgt Ion: 78 Resp: 42128



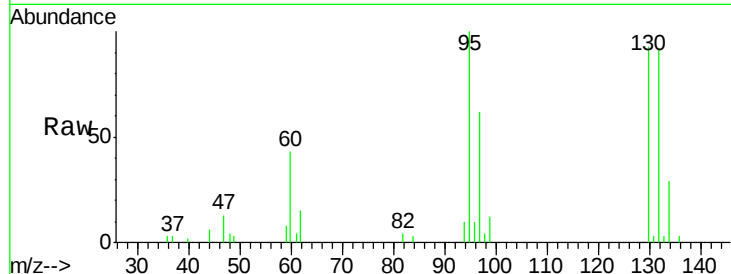
Abundance Ion 78.00 (77.70 to 78.70): VV0



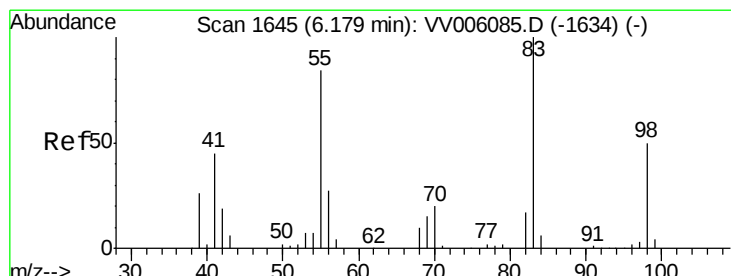
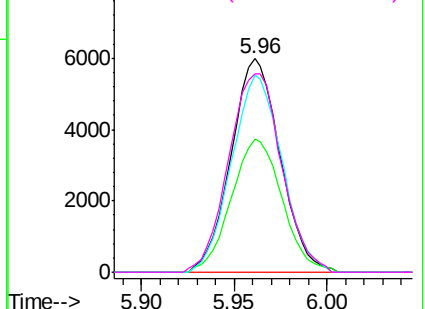
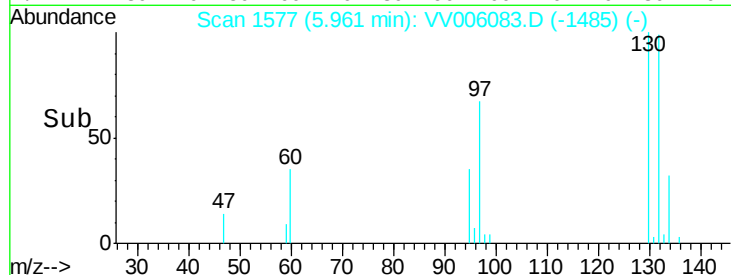


#34
 Trichloroethene
 Concen: 5.96 ug/L
 RT: 5.96 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: VV006083.D
 Acq: 27 May 2018 13:28

Tgt Ion:	95	Resp:	11069
Ion	Ratio	Lower	Upper
95	100		
97	62.1	45.4	84.4
132	92.2	69.0	128.2
130	92.9	71.2	132.2

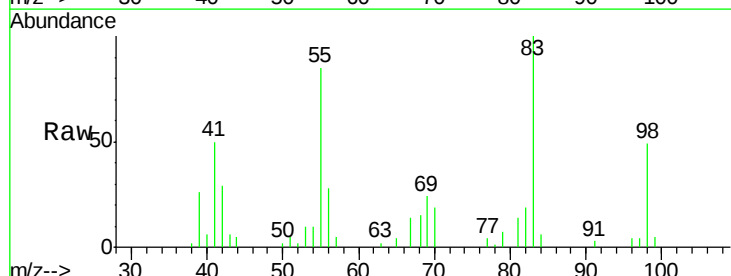


Abundance Ion 95.00 (94.70 to 95.70): VV006083.D (-1485) (-)
 Ion 97.00 (96.70 to 97.70): VV006083.D (-1485) (-)
 Ion 132.00 (131.70 to 132.70): VV006083.D (-1485) (-)
 Ion 130.00 (129.70 to 130.70): VV006083.D (-1485) (-)

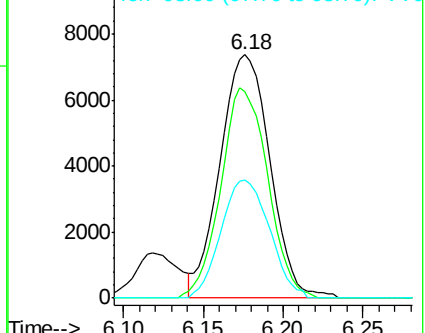
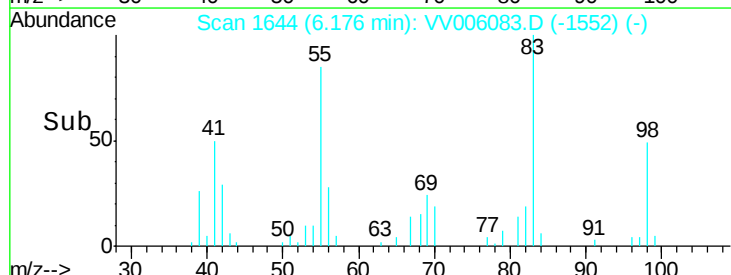


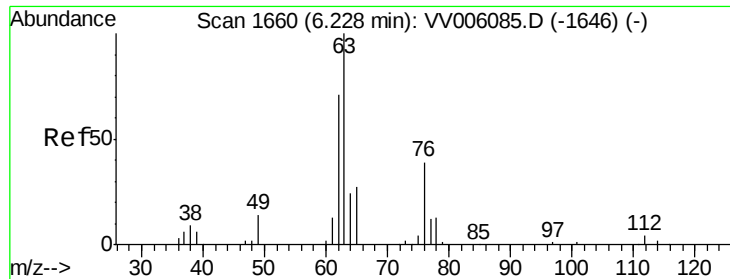
#35
 Methylcyclohexane
 Concen: 5.40 ug/L
 RT: 6.18 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: VV006083.D
 Acq: 27 May 2018 13:28

Tgt Ion:	83	Resp:	15801
Ion	Ratio	Lower	Upper
83	100		
55	80.8	62.8	94.2
98	47.0	37.5	56.3



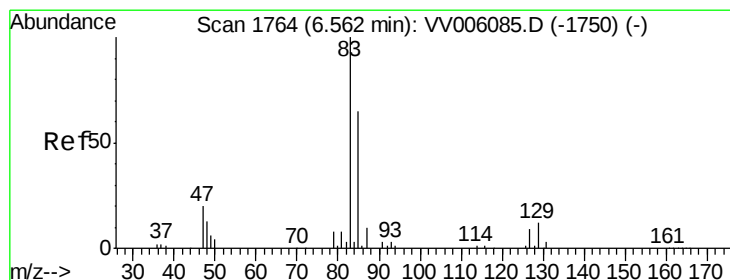
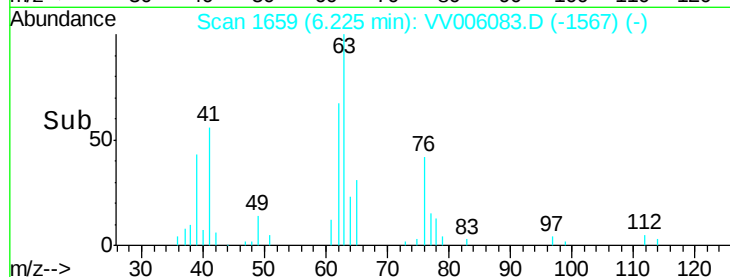
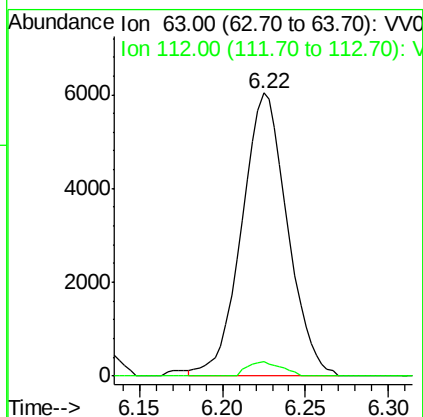
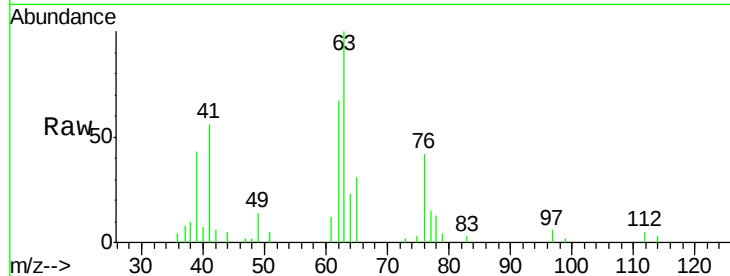
Abundance Ion 83.00 (82.70 to 83.70): VV006083.D (-1552) (-)
 Ion 55.00 (54.70 to 55.70): VV006083.D (-1552) (-)
 Ion 98.00 (97.70 to 98.70): VV006083.D (-1552) (-)





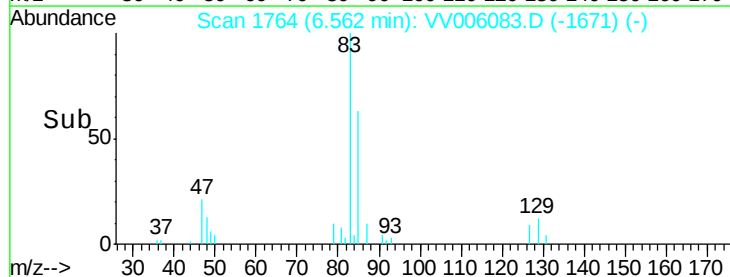
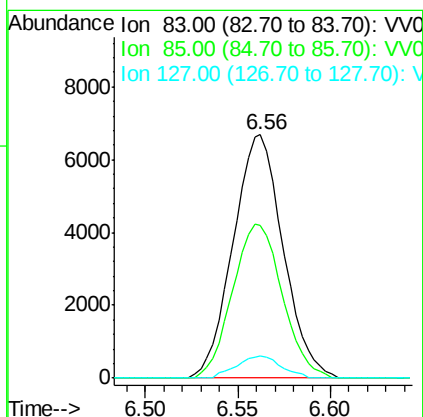
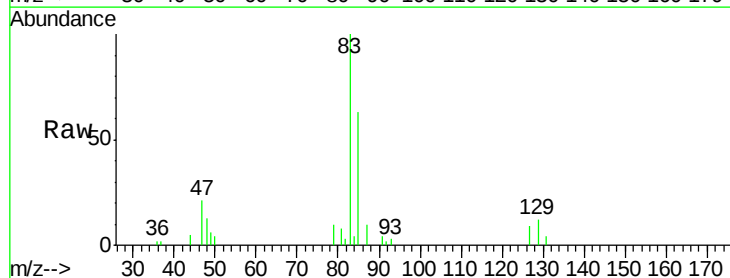
#37
 1,2-Dichloropropane
 Concen: 5.93 ug/L
 RT: 6.22 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VV006083.D
 Acq: 27 May 2018 13:28

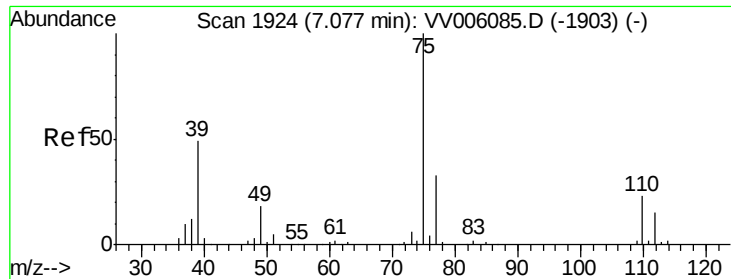
Tgt Ion: 63 Resp: 11591
 Ion Ratio Lower Upper
 63 100
 112 3.8 3.2 4.8



#38
 Bromodichloromethane
 Concen: 5.05 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006083.D
 Acq: 27 May 2018 13:28

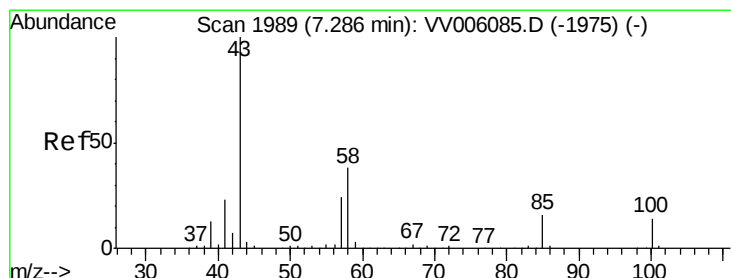
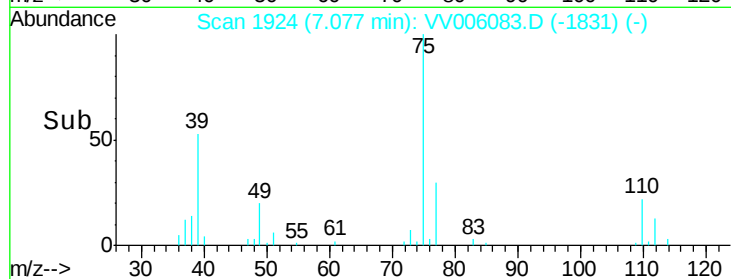
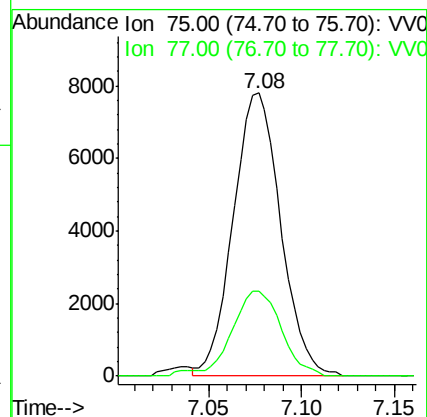
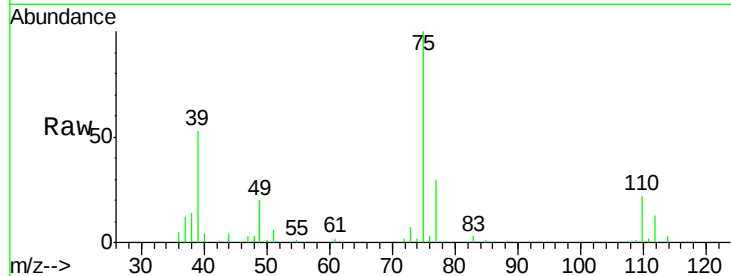
Tgt Ion: 83 Resp: 12521
 Ion Ratio Lower Upper
 83 100
 85 62.9 45.6 84.6
 127 9.1 6.9 10.3





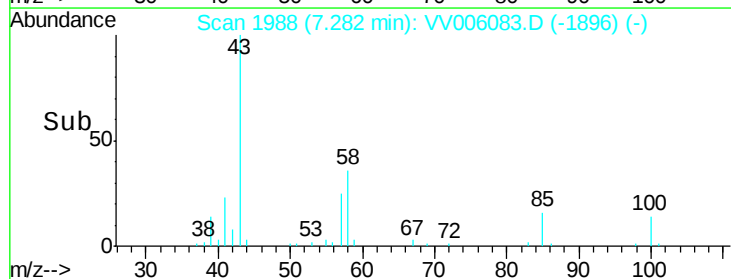
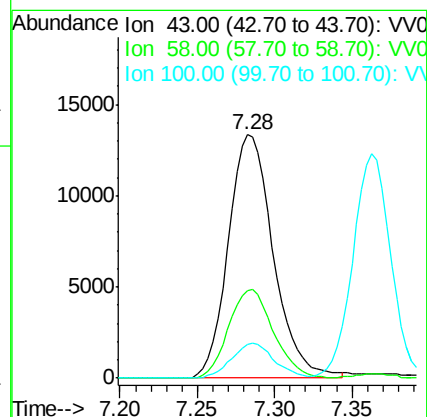
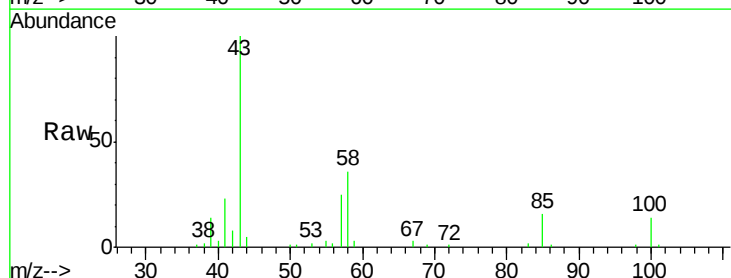
#39
 cis-1,3-Dichloropropene
 Concen: 4.87 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV006083.D
 Acq: 27 May 2018 13:28

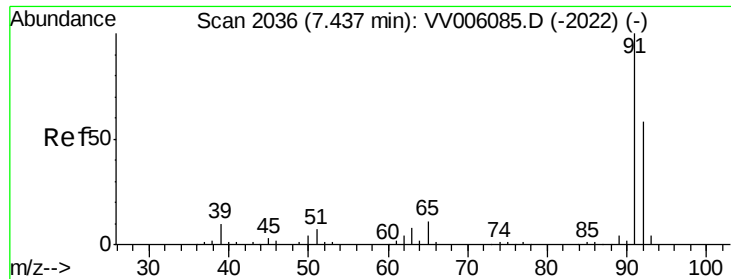
Tgt Ion: 75 Resp: 13856
 Ion Ratio Lower Upper
 75 100
 77 30.1 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 10.40 ug/L
 RT: 7.28 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VV006083.D
 Acq: 27 May 2018 13:28

Tgt Ion: 43 Resp: 26902
 Ion Ratio Lower Upper
 43 100
 58 36.3 30.3 45.5
 100 13.7 11.2 16.8





#42

Toluene

Concen: 5.42 ug/L

RT: 7.43 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VV006083.D

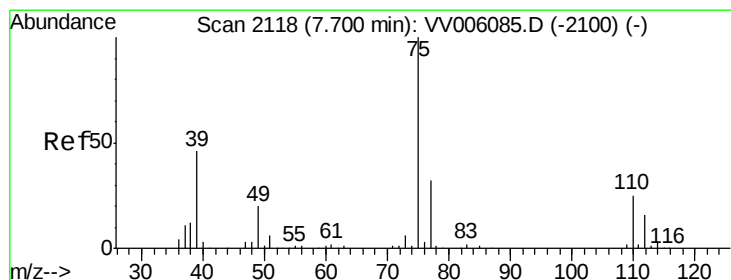
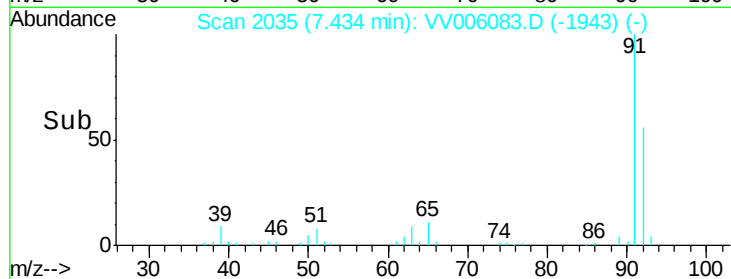
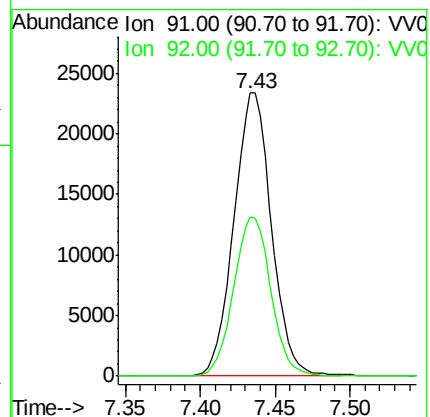
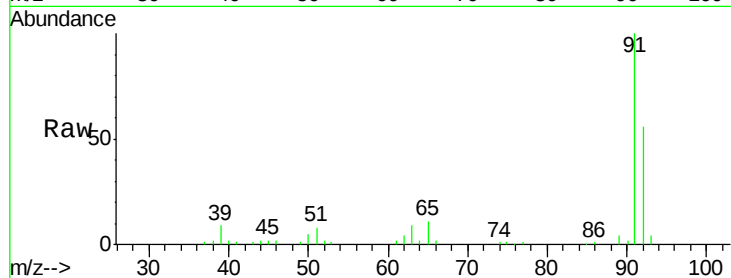
Acq: 27 May 2018 13:28

Tgt Ion: 91 Resp: 40834

Ion Ratio Lower Upper

91 100

92 56.3 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 4.65 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV006083.D

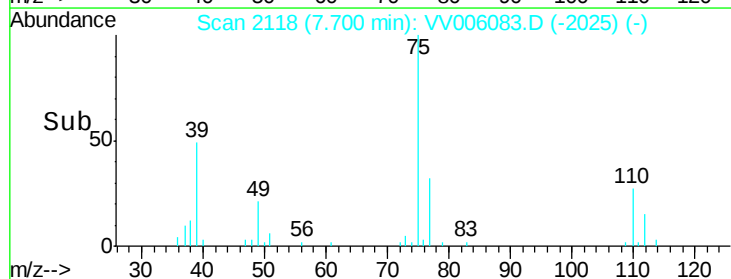
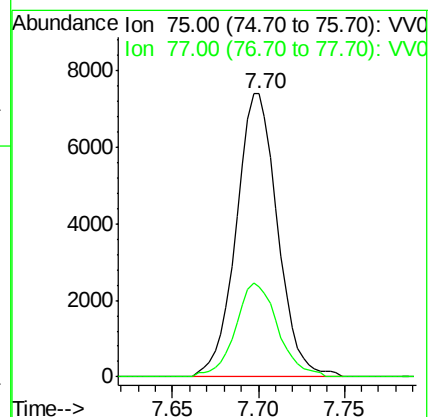
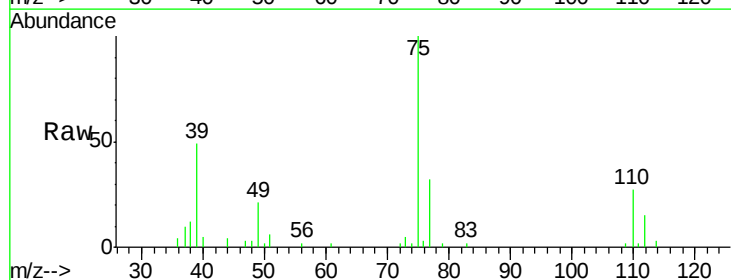
Acq: 27 May 2018 13:28

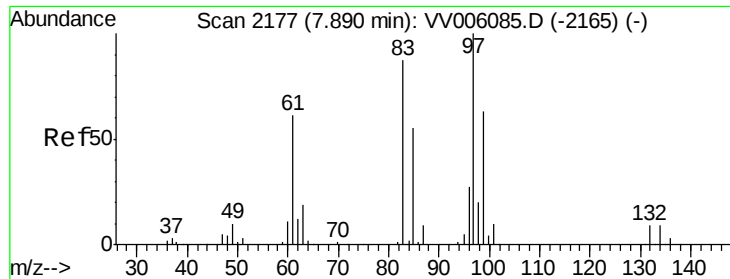
Tgt Ion: 75 Resp: 12412

Ion Ratio Lower Upper

75 100

77 32.0 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 5.77 ug/L

RT: 7.89 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VV006083.D

Acq: 27 May 2018 13:28

Tgt Ion: 97 Resp: 10656

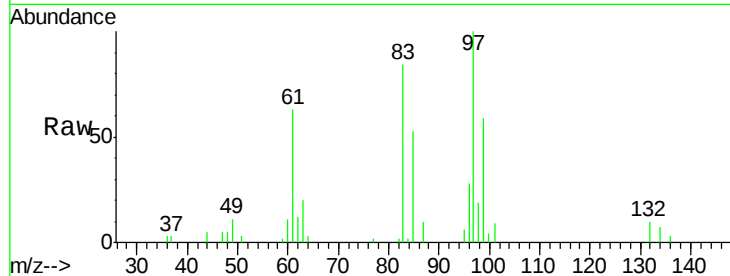
Ion Ratio Lower Upper

97 100

99 58.5 44.0 81.6

83 84.2 61.0 113.4

85 53.3 38.6 71.6

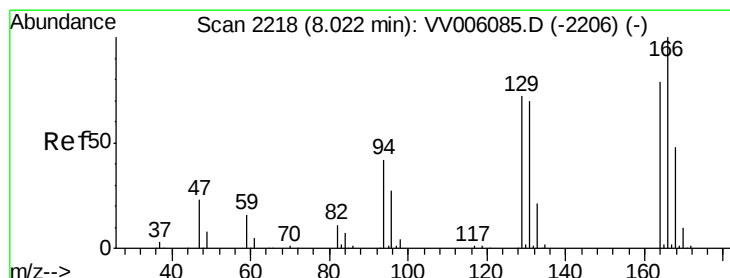
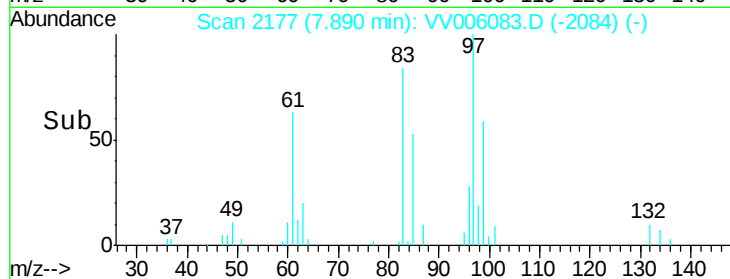
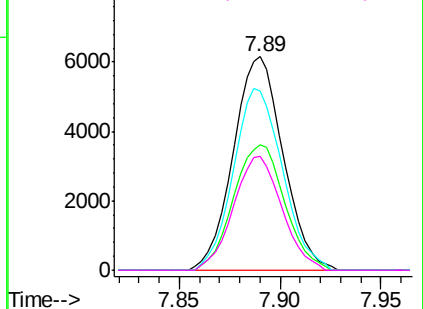


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 6.19 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006083.D

Acq: 27 May 2018 13:28

Tgt Ion: 164 Resp: 8880

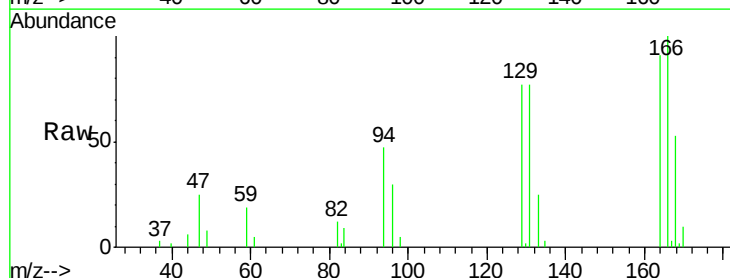
Ion Ratio Lower Upper

164 100

129 85.0 63.9 118.7

131 85.1 61.6 114.4

166 110.1 88.3 164.1

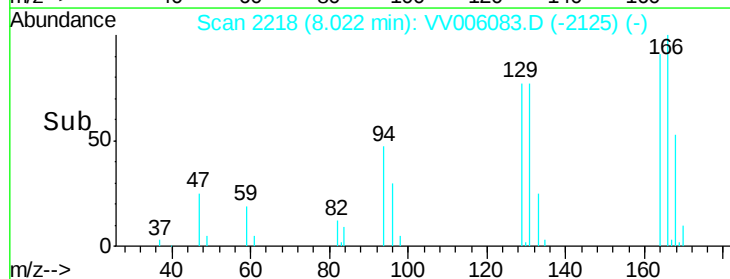
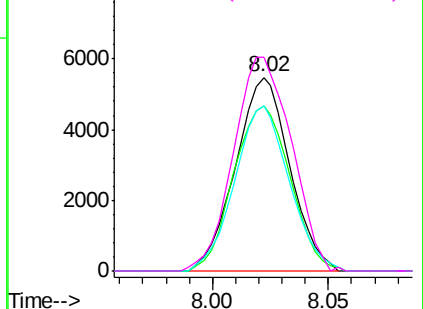


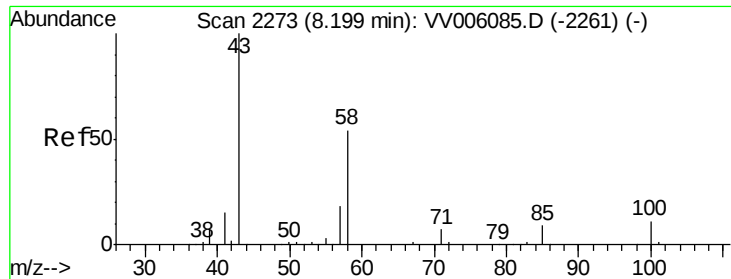
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

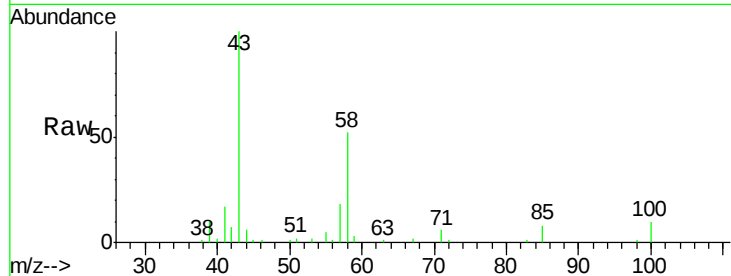




#48
2-Hexanone
Concen: 10.81 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VV006083.D
Acq: 27 May 2018 13:28

Tgt Ion: 43 Resp: 21868

Ion	Ratio	Lower	Upper
43	100		
58	49.1	42.2	63.4
57	17.1	14.5	21.7
100	10.3	8.7	13.1

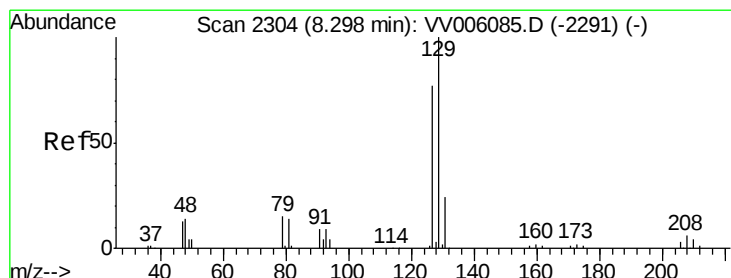
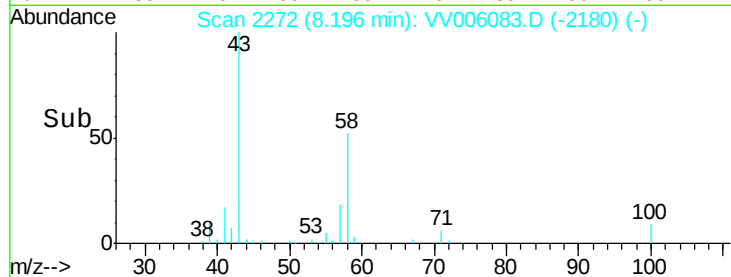
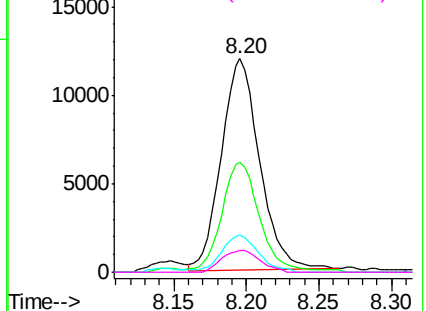


Abundance Ion 43.00 (42.70 to 43.70): VV006083.D (-2180) (-)

Ion 58.00 (57.70 to 58.70): VV006083.D (-2180) (-)

Ion 57.00 (56.70 to 57.70): VV006083.D (-2180) (-)

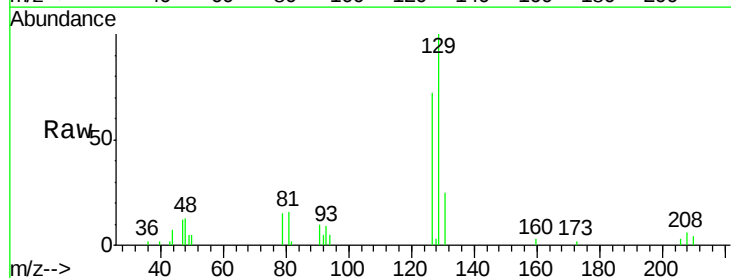
Ion 100.00 (99.70 to 100.70): VV006083.D (-2180) (-)



#49
Dibromochloromethane
Concen: 5.03 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VV006083.D
Acq: 27 May 2018 13:28

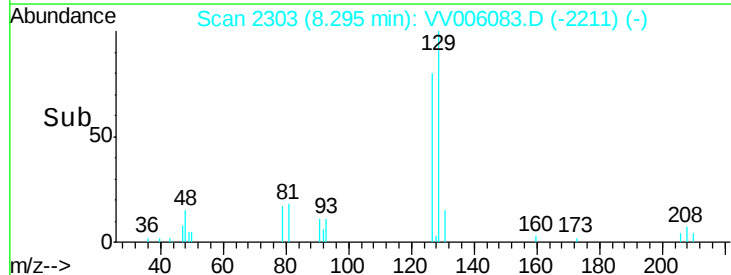
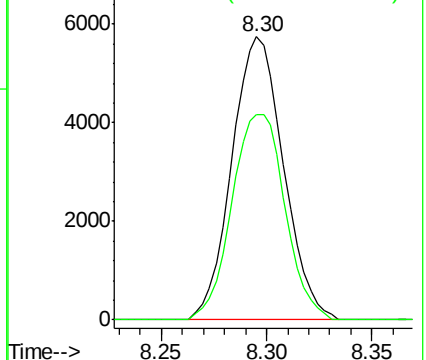
Tgt Ion: 129 Resp: 9783

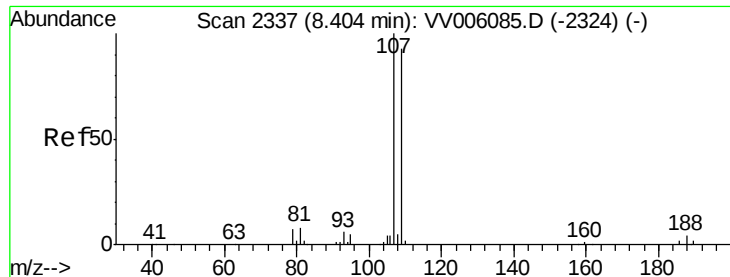
Ion	Ratio	Lower	Upper
129	100		
127	72.3	54.1	100.5



Abundance Ion 129.00 (128.70 to 129.70): VV006083.D (-2211) (-)

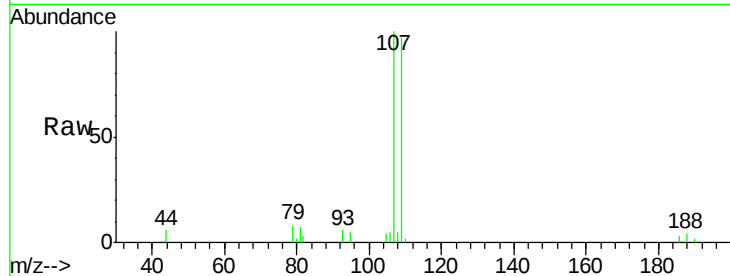
Ion 127.00 (126.70 to 127.70): VV006083.D (-2211) (-)



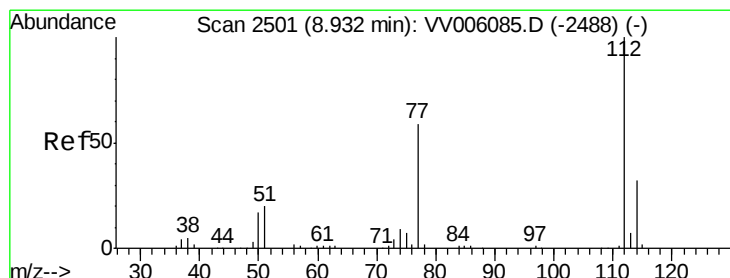
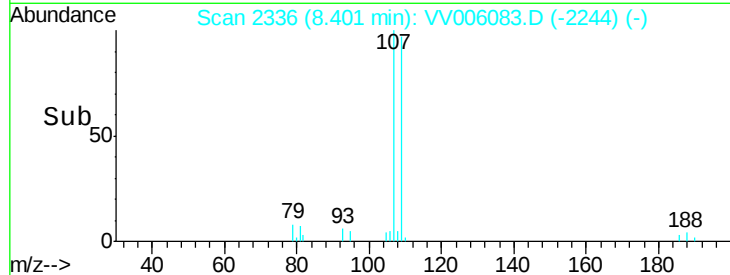
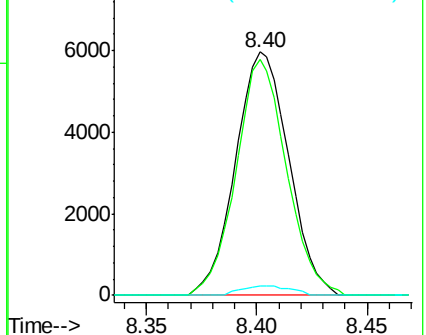


#50
1,2-Dibromoethane
Concen: 5.26 ug/L
RT: 8.40 min Scan# 2336
Delta R.T. -0.00 min
Lab File: VV006083.D
Acq: 27 May 2018 13:28

Tgt Ion:107 Resp: 9979
Ion Ratio Lower Upper
107 100
109 96.9 64.8 120.4
188 3.7 3.1 4.7

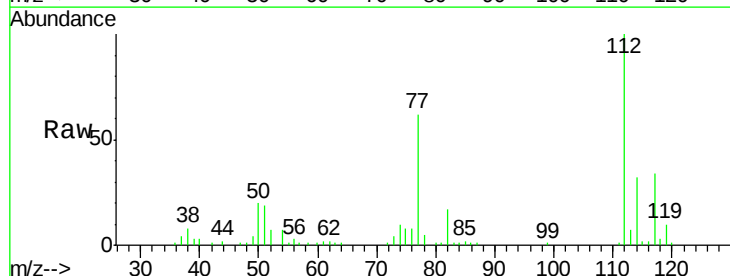


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

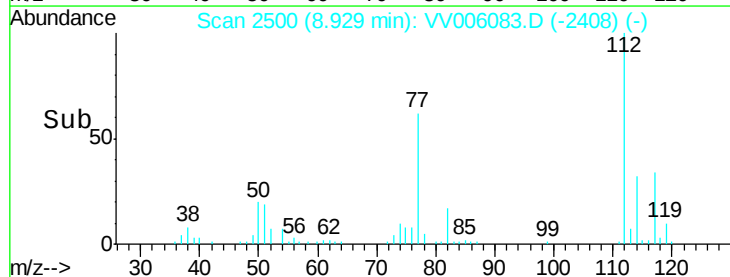
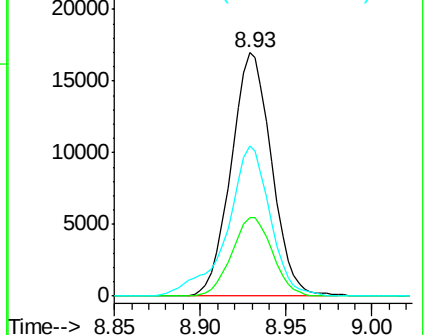


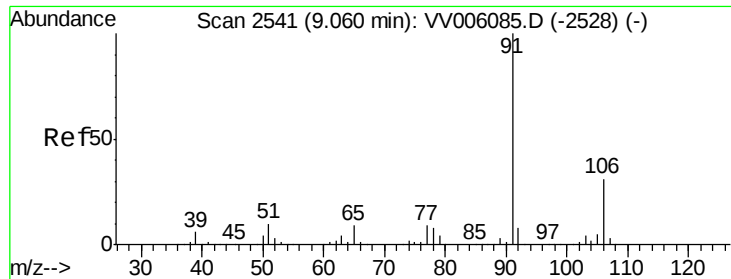
#51
Chlorobenzene
Concen: 5.54 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. -0.00 min
Lab File: VV006083.D
Acq: 27 May 2018 13:28

Tgt Ion:112 Resp: 27879
Ion Ratio Lower Upper
112 100
114 32.3 22.6 42.0
77 61.7 47.2 70.8



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V





#52

Ethylbenzene

Concen: 5.04 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006083.D

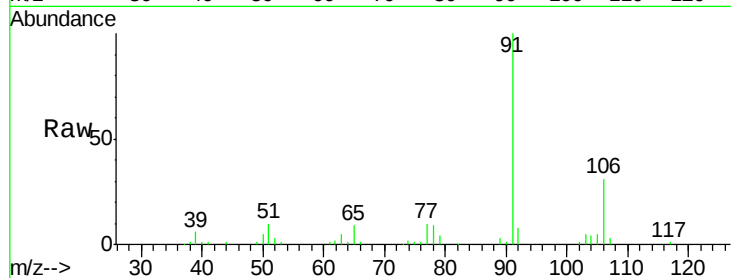
Acq: 27 May 2018 13:28

Tgt Ion: 91 Resp: 41658

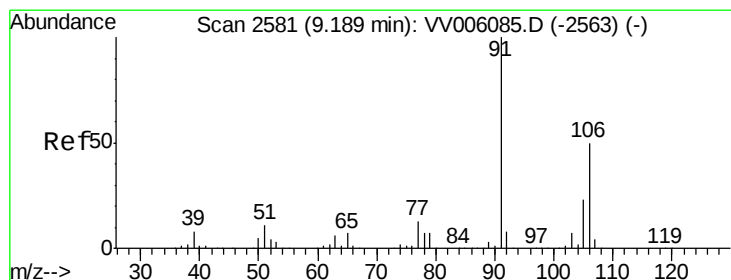
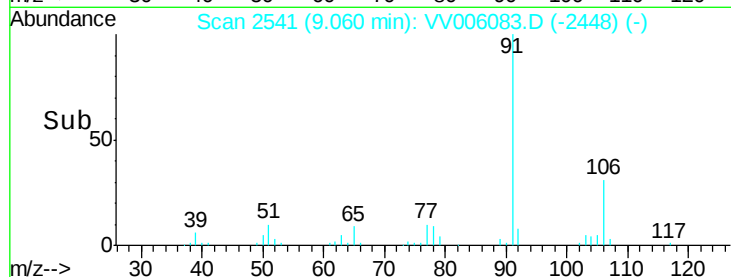
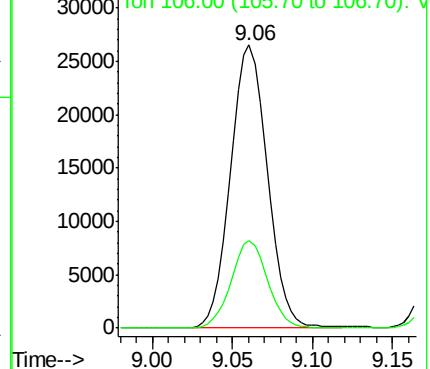
Ion Ratio Lower Upper

91 100

106 30.8 21.8 40.6



Abundance Ion 91.00 (90.70 to 91.70): VV006083.D (-2448) (-)



#53

m,p-Xylene

Concen: 4.94 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV006083.D

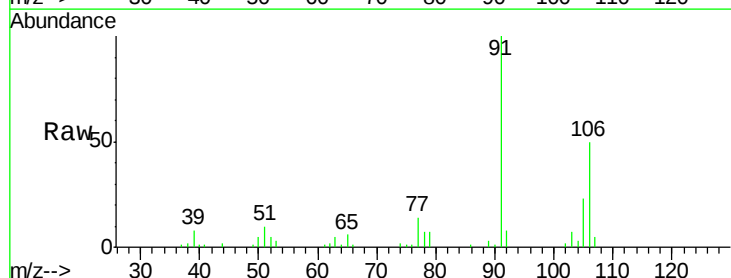
Acq: 27 May 2018 13:28

Tgt Ion: 106 Resp: 15159

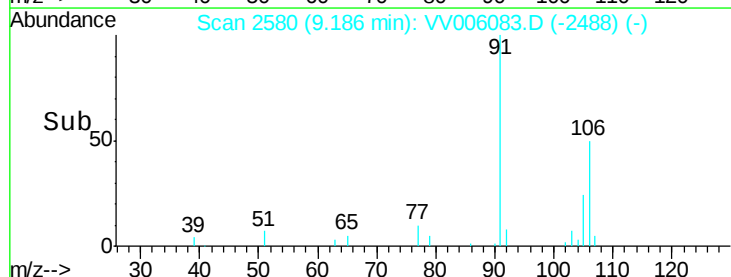
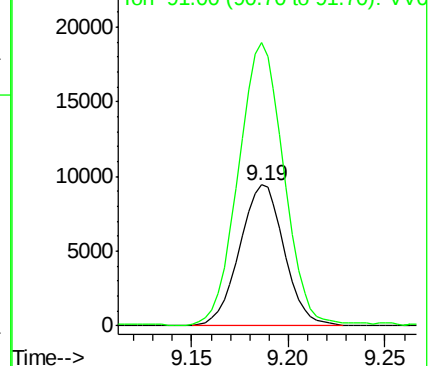
Ion Ratio Lower Upper

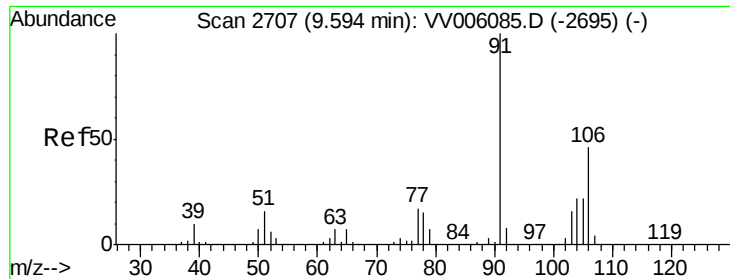
106 100

91 200.7 141.5 262.7



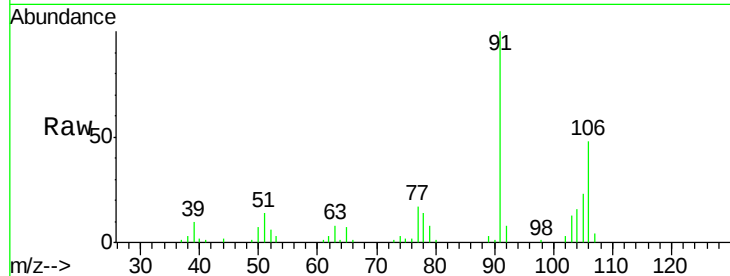
Abundance Ion 106.00 (105.70 to 106.70): VV006083.D (-2488) (-)



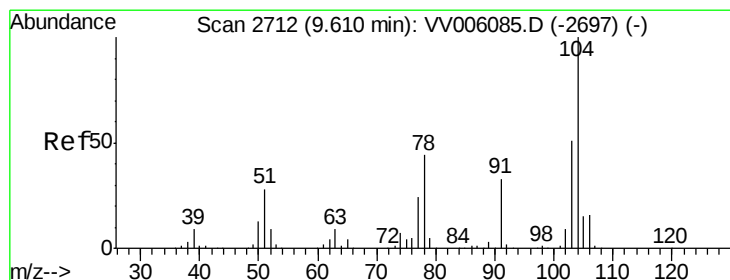
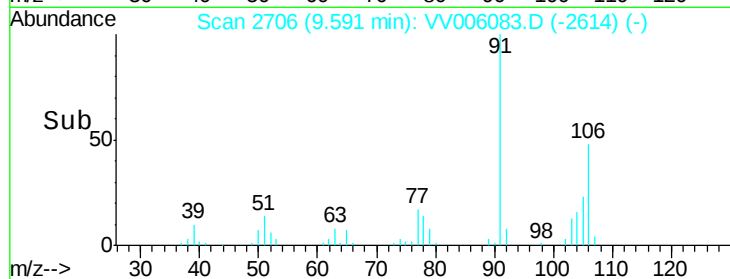
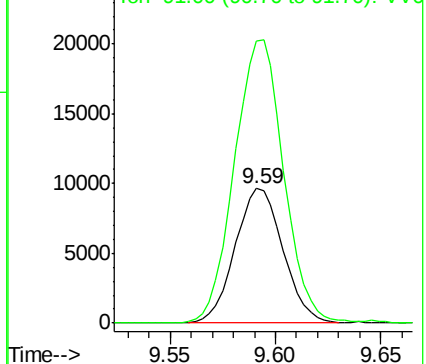


#54
o-xylene
Concen: 5.05 ug/L
RT: 9.59 min Scan# 2706
Delta R.T. -0.00 min
Lab File: VV006083.D
Acq: 27 May 2018 13:28

Tgt Ion:106 Resp: 15238
Ion Ratio Lower Upper
106 100
91 209.0 151.0 280.4

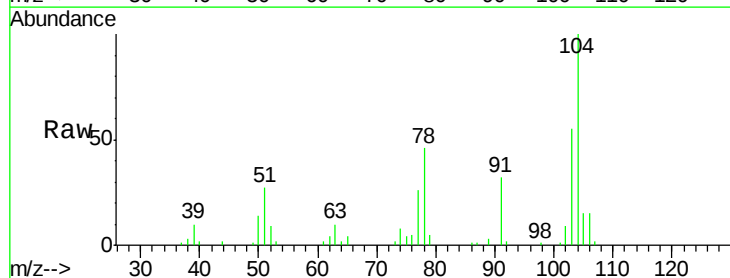


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

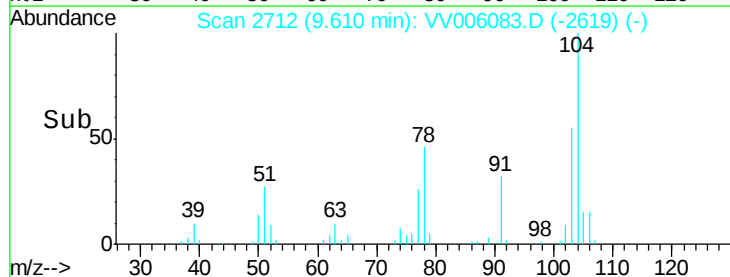
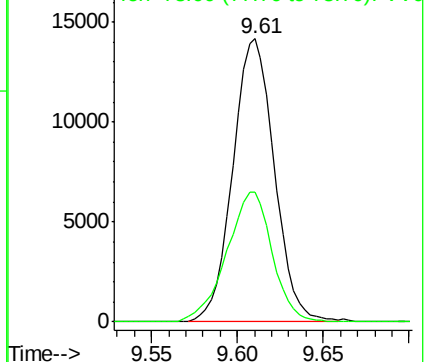


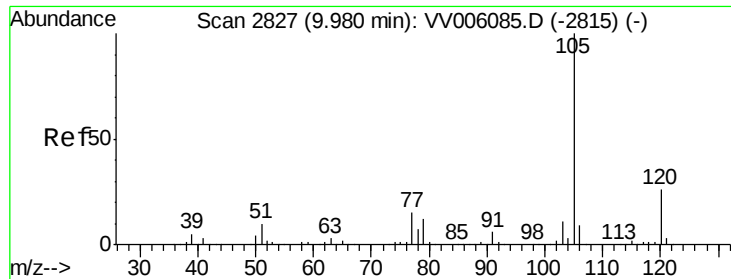
#55
Styrene
Concen: 4.59 ug/L
RT: 9.61 min Scan# 2712
Delta R.T. 0.00 min
Lab File: VV006083.D
Acq: 27 May 2018 13:28

Tgt Ion:104 Resp: 23753
Ion Ratio Lower Upper
104 100
78 45.9 30.8 57.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 4.71 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VV006083.D

Acq: 27 May 2018 13:28

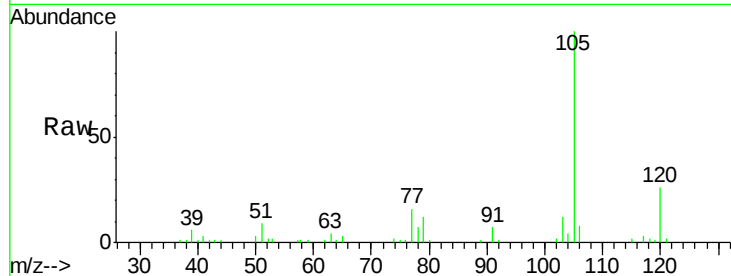
Tgt Ion: 105 Resp: 37953

Ion Ratio Lower Upper

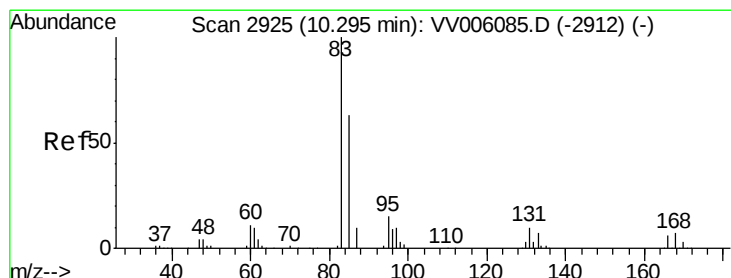
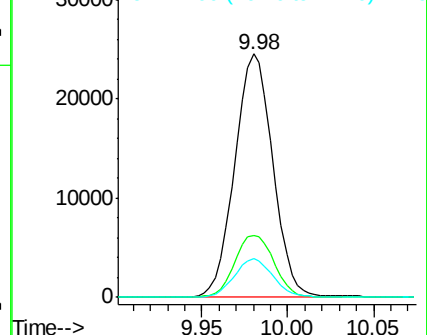
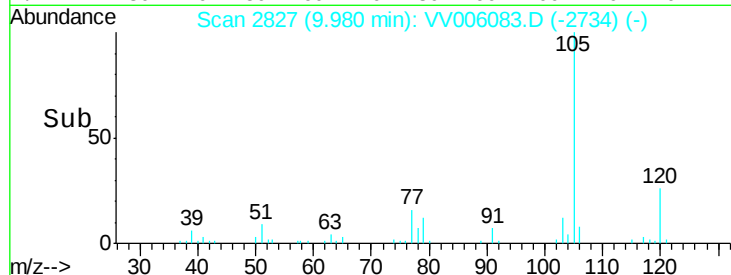
105 100

120 26.2 21.2 31.8

77 15.9 12.4 18.6



Abundance Ion 105.00 (104.70 to 105.70): VV006083.D (-2734) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 5.66 ug/L

RT: 10.30 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VV006083.D

Acq: 27 May 2018 13:28

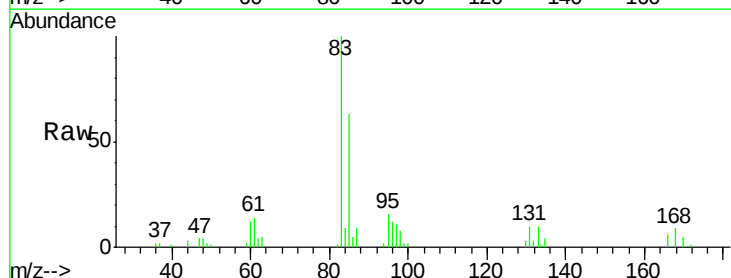
Tgt Ion: 83 Resp: 17445

Ion Ratio Lower Upper

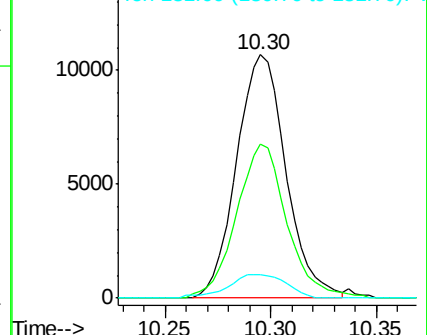
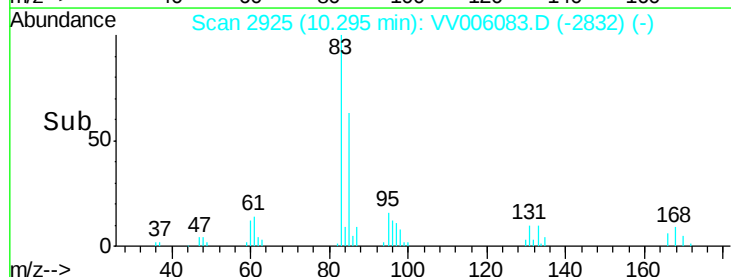
83 100

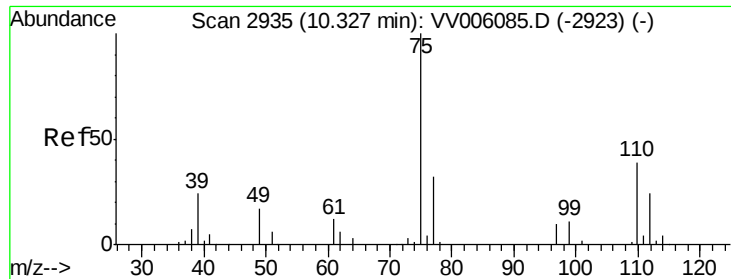
85 63.3 44.6 82.8

131 9.7 7.9 11.9



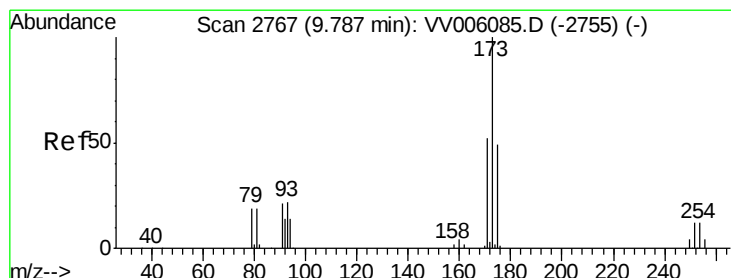
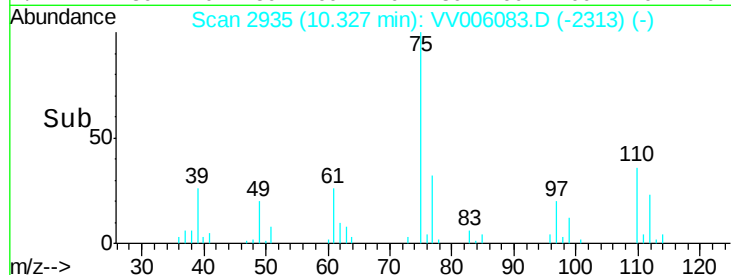
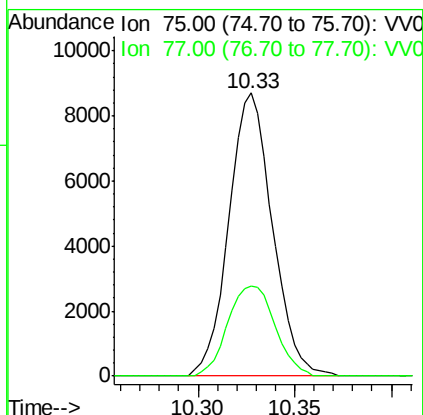
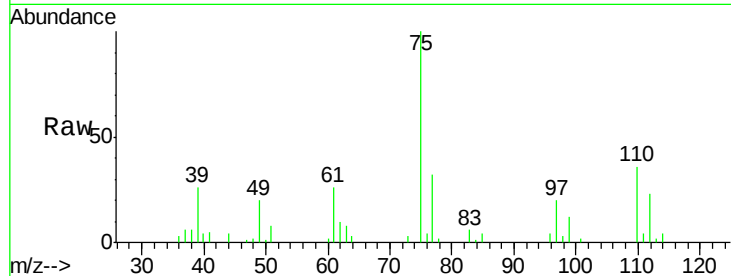
Abundance Ion 83.00 (82.70 to 83.70): VV006083.D (-2832) (-)





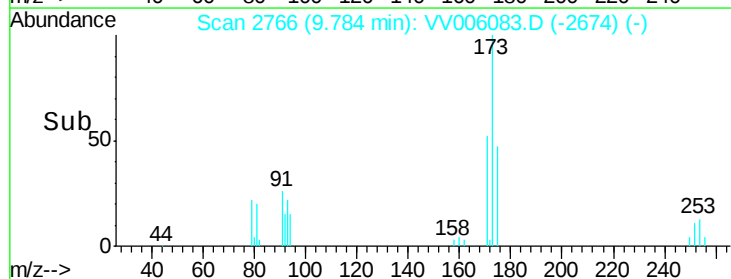
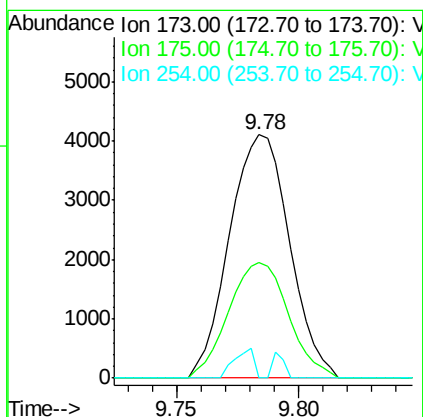
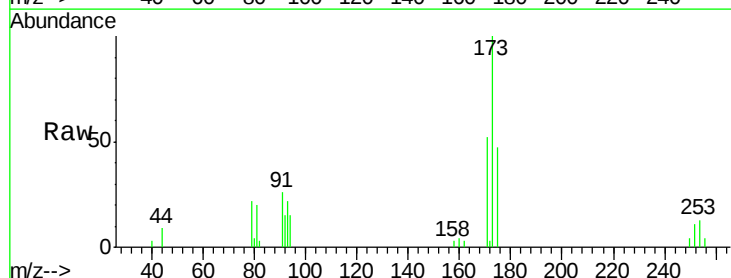
#59
 1,2,3-Trichloropropane
 Concen: 5.47 ug/L
 RT: 10.33 min Scan# 2935
 Delta R.T. 0.00 min
 Lab File: VV006083.D
 Acq: 27 May 2018 13:28

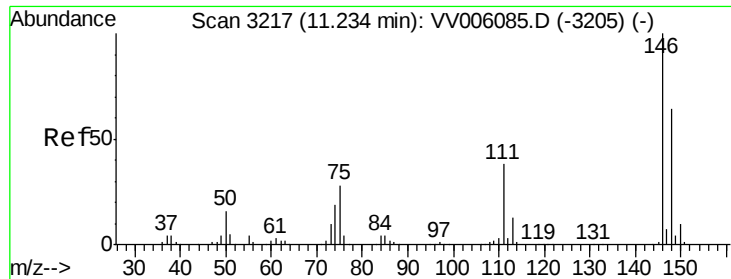
Tgt Ion: 75 Resp: 13624
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.8 38.8



#61
 Bromoform
 Concen: 5.44 ug/L
 RT: 9.78 min Scan# 2766
 Delta R.T. -0.00 min
 Lab File: VV006083.D
 Acq: 27 May 2018 13:28

Tgt Ion: 173 Resp: 7024
 Ion Ratio Lower Upper
 173 100
 175 47.3 38.6 57.8
 254 4.1 8.8 13.2#





#62

1,3-Dichlorobenzene

Concen: 5.46 ug/L

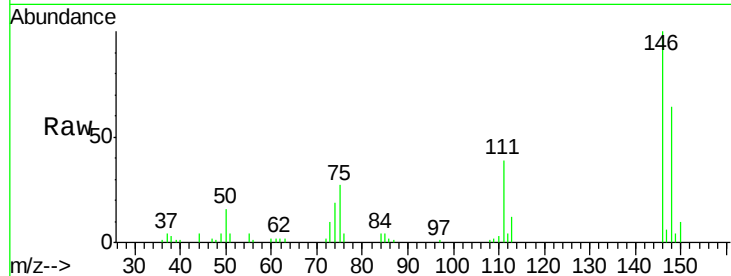
RT: 11.23 min Scan# 3217

Delta R.T. 0.00 min

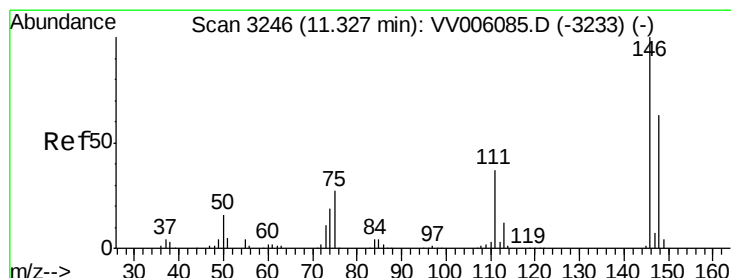
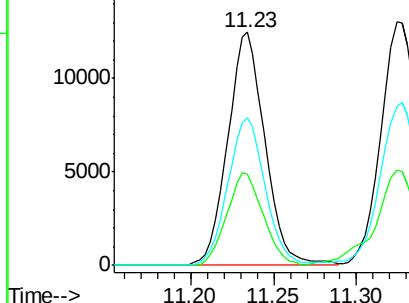
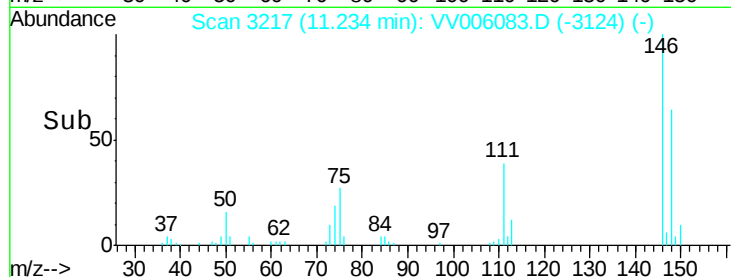
Lab File: VV006083.D

Acq: 27 May 2018 13:28

Tgt Ion:	146	Resp:	19468
Ion	Ratio	Lower	Upper
146	100		
111	39.1	26.9	49.9
148	63.5	44.9	83.5



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 5.54 ug/L

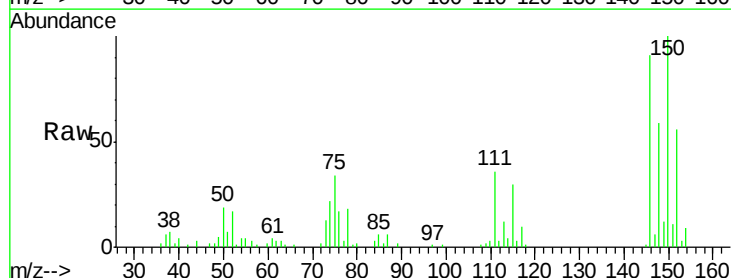
RT: 11.32 min Scan# 3245

Delta R.T. -0.00 min

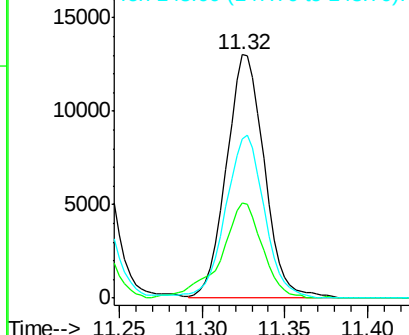
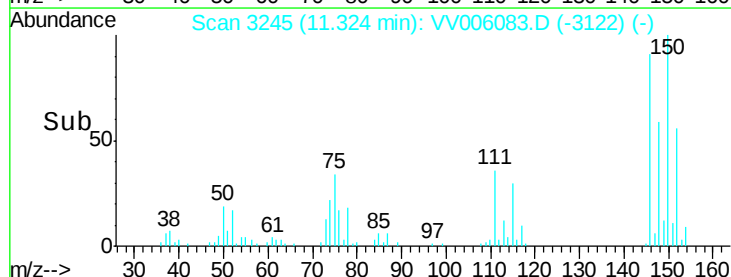
Lab File: VV006083.D

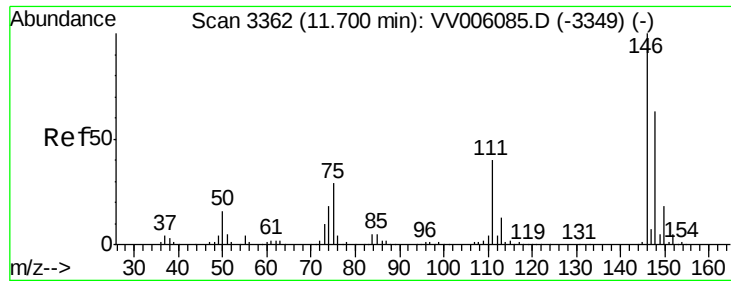
Acq: 27 May 2018 13:28

Tgt Ion:	146	Resp:	20732
Ion	Ratio	Lower	Upper
146	100		
111	39.3	26.0	48.4
148	65.1	44.4	82.5



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.52 ug/L

RT: 11.70 min Scan# 3361

Delta R.T. -0.00 min

Lab File: VV006083.D

Acq: 27 May 2018 13:28

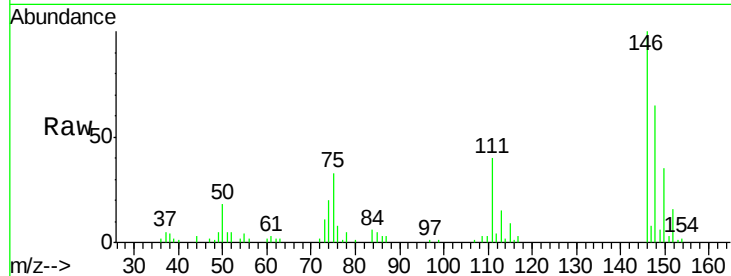
Tgt Ion: 146 Resp: 21246

Ion Ratio Lower Upper

146 100

111 40.3 31.8 47.8

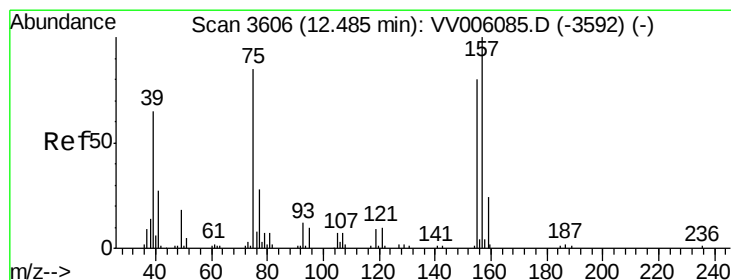
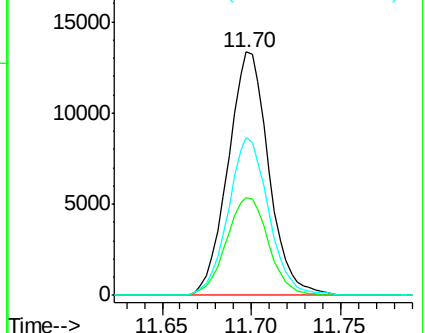
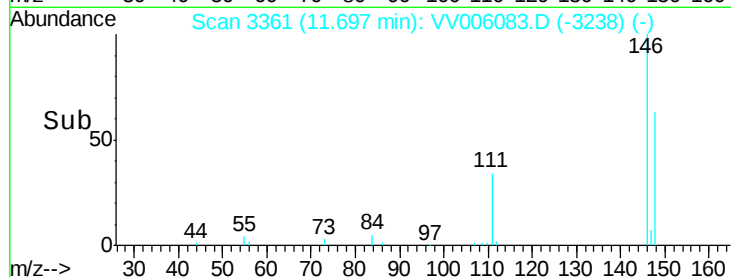
148 64.7 50.6 76.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 4.37 ug/L

RT: 12.48 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VV006083.D

Acq: 27 May 2018 13:28

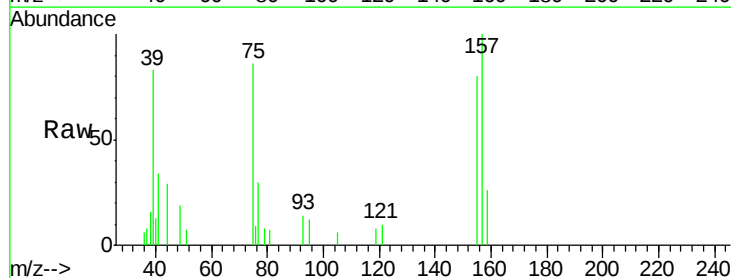
Tgt Ion: 75 Resp: 2690

Ion Ratio Lower Upper

75 100

155 93.0 75.9 113.9

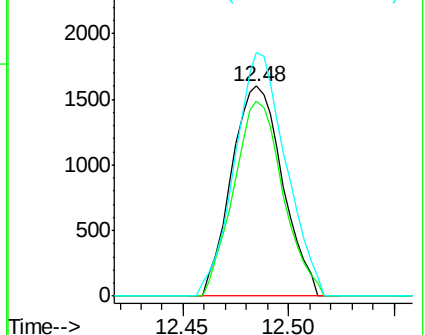
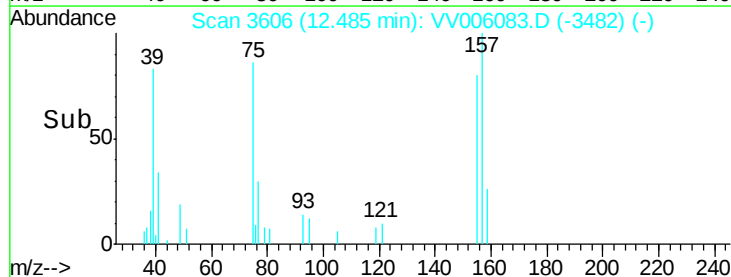
157 115.9 94.6 141.8

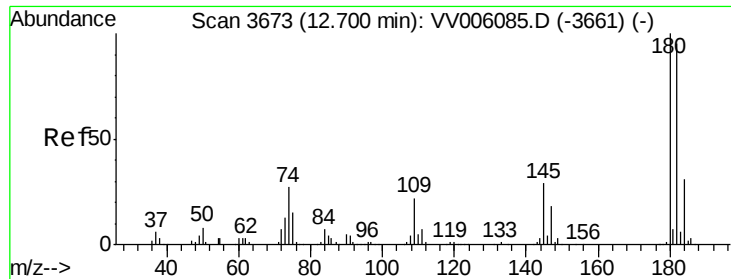


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

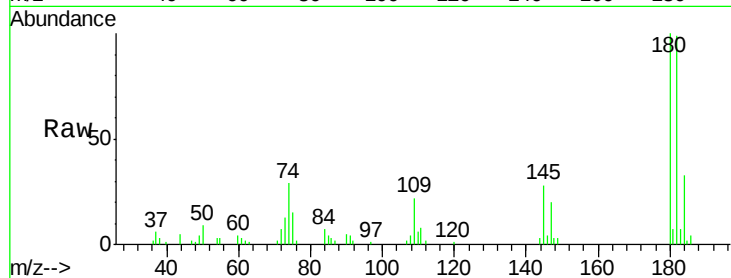
Ion 157.00 (156.70 to 157.70): V



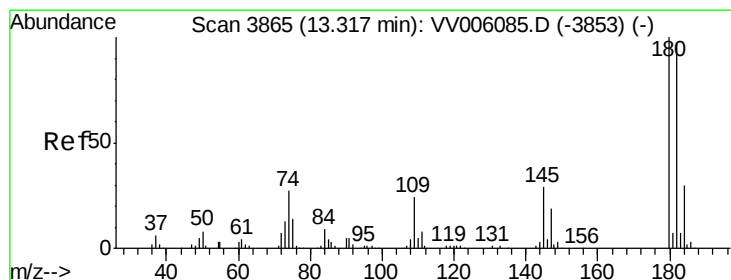
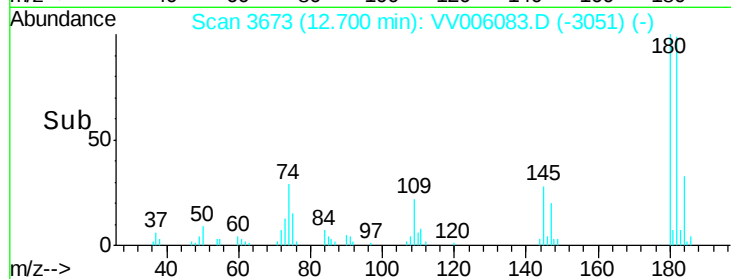
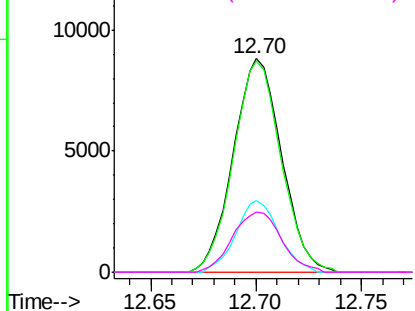


#67
 1,3,5-Trichlorobenzene
 Concen: 5.40 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV006083.D
 Acq: 27 May 2018 13:28

Tgt Ion:180 Resp: 14023
 Ion Ratio Lower Upper
 180 100
 182 97.7 76.0 114.0
 184 30.1 24.6 37.0
 145 28.7 22.5 33.7

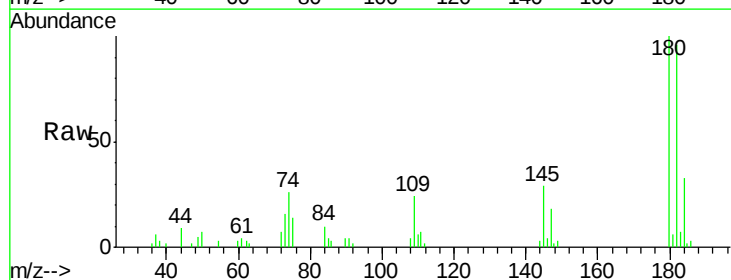


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

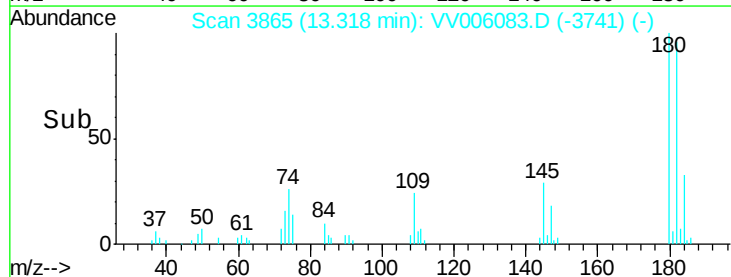
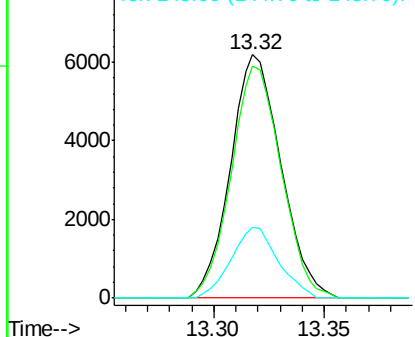


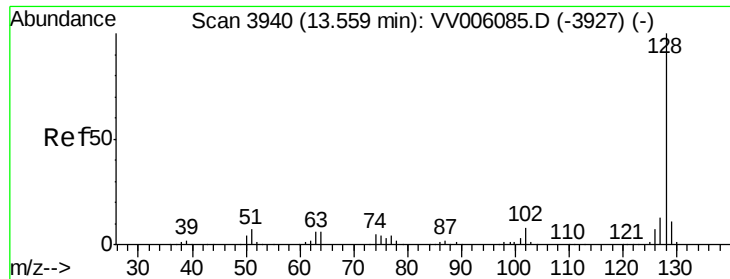
#68
 1,2,4-trichlorobenzene
 Concen: 4.65 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV006083.D
 Acq: 27 May 2018 13:28

Tgt Ion:180 Resp: 9846
 Ion Ratio Lower Upper
 180 100
 182 94.5 77.1 115.7
 145 27.3 23.0 34.6



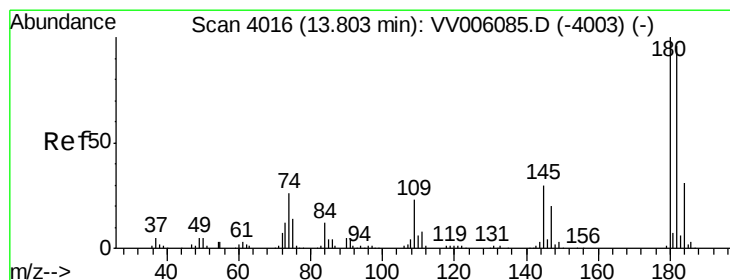
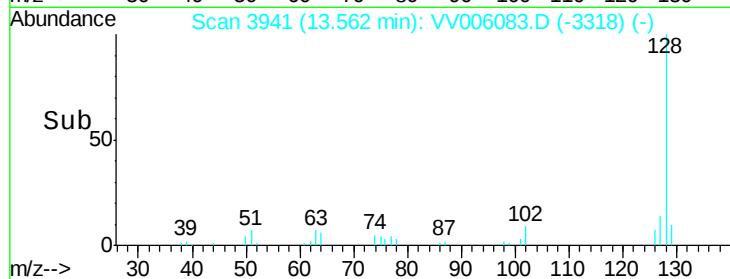
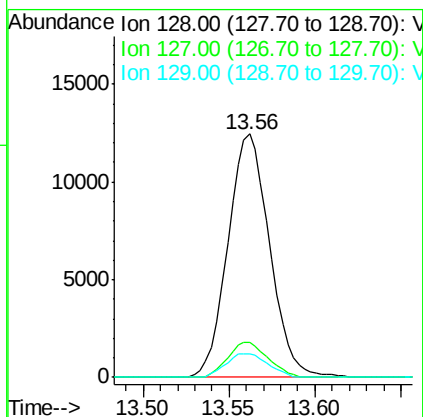
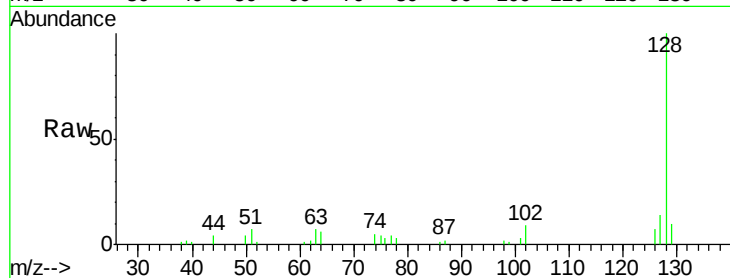
Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69
Naphthalene
Concen: 3.29 ug/L
RT: 13.56 min Scan# 3941
Delta R.T. 0.00 min
Lab File: VV006083.D
Acq: 27 May 2018 13:28

Tgt Ion:128 Resp: 21054
Ion Ratio Lower Upper
128 100
127 13.8 10.5 15.7
129 9.8 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 4.56 ug/L
RT: 13.80 min Scan# 4016
Delta R.T. 0.00 min
Lab File: VV006083.D
Acq: 27 May 2018 13:28

Tgt Ion:180 Resp: 10586
Ion Ratio Lower Upper
180 100
182 97.4 75.8 113.8
145 30.9 24.0 36.0

