

Data File : VV006112.D
Acq On : 28 May 2018 02:51
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Quant Time: May 28 04:47:05 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 00:47:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	250774	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	236187	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121690	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	99567	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.98%
7) Chloroethane-d5	1.55	69	37498	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.32%
11) 1,1-Dichloroethene-d2	2.13	63	184563	48.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.00%
21) 2-Butanone-d5	3.95	46	109020	102.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.93%
24) Chloroform-d	4.41	84	188687	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.58%
26) 1,2-Dichloroethane-d4	5.09	65	122351	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.52%
32) Benzene-d6	5.10	84	378999	49.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.34%
36) 1,2-Dichloropropane-d6	6.12	67	125795	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.94%
41) Toluene-d8	7.36	98	361563	51.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.06%
43) trans-1,3-Dichloropropene-	7.67	79	52638	48.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.16%
47) 2-Hexanone-d5	8.14	63	104110	105.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.79%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	183313	51.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	154866	50.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.62%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	94595	48.00	ug/L	# 82
3) Chloromethane	1.26	50	110068	51.08	ug/L	99
5) Vinyl chloride	1.32	62	106087	48.21	ug/L	99
6) Bromomethane	1.51	94	38990	47.92	ug/L	99
8) Chloroethane	1.57	64	27211	46.43	ug/L	100
9) Trichlorofluoromethane	1.75	101	138974	47.95	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	84098	46.94	ug/L	99
12) 1,1-Dichloroethene	2.13	96	77945	47.82	ug/L	95
13) Acetone	2.20	43	85243	72.53	ug/L	99
14) Carbon disulfide	2.31	76	210381	46.67	ug/L	100
15) Methyl Acetate	2.46	43	106625	49.08	ug/L	99
16) Methylene chloride	2.54	84	91705	49.57	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	83096	48.04	ug/L	97
18) Methyl tert-butyl Ether	2.81	73	281773	48.98	ug/L	99
19) 1,1-Dichloroethane	3.23	63	165468	49.98	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	91902	49.28	ug/L	99
22) 2-Butanone	4.04	43	142298	93.48	ug/L	99

Data File : VV006112.D
Acq On : 28 May 2018 02:51
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

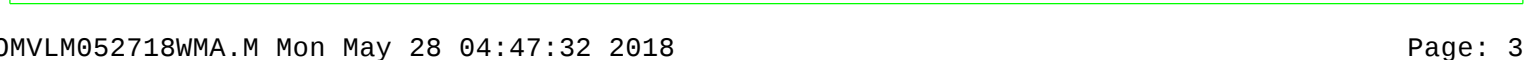
Quant Time: May 28 04:47:05 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 00:47:58 2018
Response via : Initial Calibration

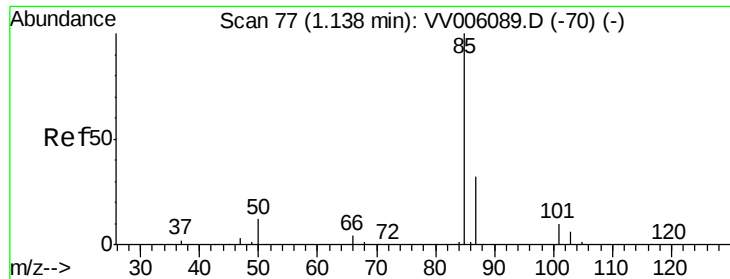
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	46919	49.08	ug/L	99
25) Chloroform	4.43	83	160902	49.90	ug/L	98
27) 1,2-Dichloroethane	5.19	62	128756	49.70	ug/L	100
29) Cyclohexane	4.73	56	138523	47.48	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	133471	48.97	ug/L	98
31) Carbon tetrachloride	4.88	117	116232	49.00	ug/L	100
33) Benzene	5.15	78	361633	48.65	ug/L	100
34) Trichloroethene	5.96	95	87567	46.97	ug/L	99
35) Methylcyclohexane	6.18	83	142497	47.17	ug/L	99
37) 1,2-Dichloropropane	6.23	63	99666	49.16	ug/L	100
38) Bromodichloromethane	6.56	83	113306	48.25	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	134767	47.82	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	267305	100.69	ug/L	100
42) Toluene	7.44	91	379558	49.86	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	124278	47.81	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	90087	48.34	ug/L	98
46) Tetrachloroethene	8.02	164	73235	47.08	ug/L	99
48) 2-Hexanone	8.20	43	211806	96.41	ug/L	99
49) Dibromochloromethane	8.30	129	93573	48.54	ug/L	99
50) 1,2-Dibromoethane	8.40	107	91431	49.33	ug/L	100
51) Chlorobenzene	8.93	112	241777	48.10	ug/L	99
52) Ethylbenzene	9.06	91	402070	49.04	ug/L	100
53) m,p-Xylene	9.19	106	152991	49.61	ug/L	98
54) o-xylene	9.59	106	153054	49.59	ug/L	99
55) Styrene	9.61	104	268780	51.85	ug/L	99
56) Isopropylbenzene	9.98	105	398230	49.99	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.30	83	161378	49.16	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	124725	49.41	ug/L	99
61) Bromoform	9.78	173	71296	49.03	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	189707	48.41	ug/L	100
63) 1,4-Dichlorobenzene	11.33	146	200324	48.84	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	217161	50.14	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	29091	51.97	ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	149267	49.02	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	118717	49.11	ug/L	100
69) Naphthalene	13.56	128	337645	53.61	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	134627	52.11	ug/L	98

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

ALS Vial : 31 Sample Multiplier: 1

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 48.00 ug/L

RT: 1.14 min Scan# 77

Delta R.T. -0.00 min

Lab File: VV006112.D

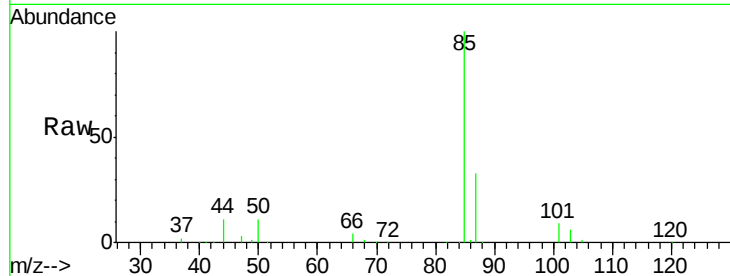
Acq: 28 May 2018 02:51

Tgt Ion: 85 Resp: 94595

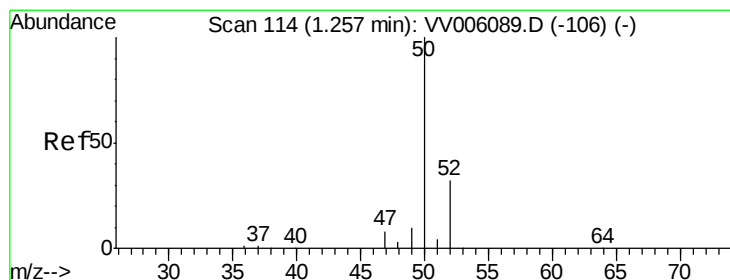
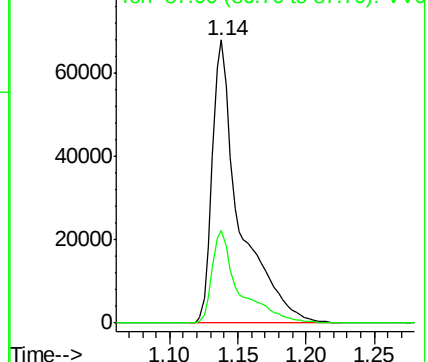
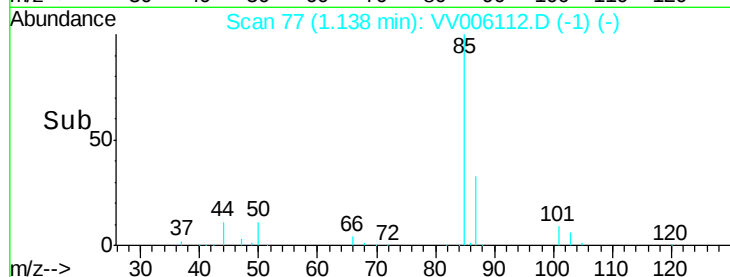
Ion Ratio Lower Upper

85 100

87 32.1 18.6 28.0#



Abundance Ion 85.00 (84.70 to 85.70): VV006112.D (-1) (-)



#3

Chloromethane

Concen: 51.08 ug/L

RT: 1.26 min Scan# 114

Delta R.T. -0.00 min

Lab File: VV006112.D

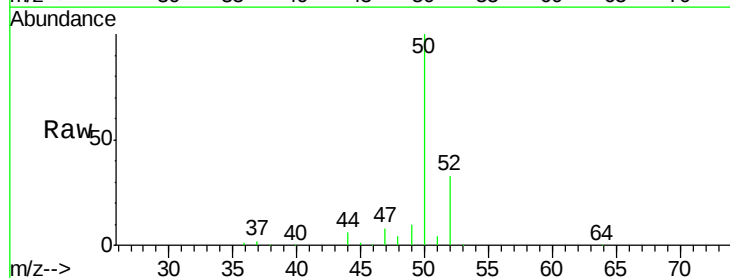
Acq: 28 May 2018 02:51

Tgt Ion: 50 Resp: 110068

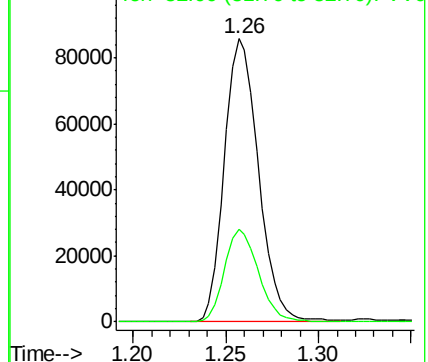
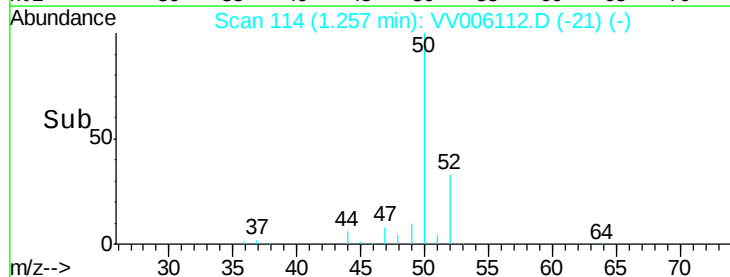
Ion Ratio Lower Upper

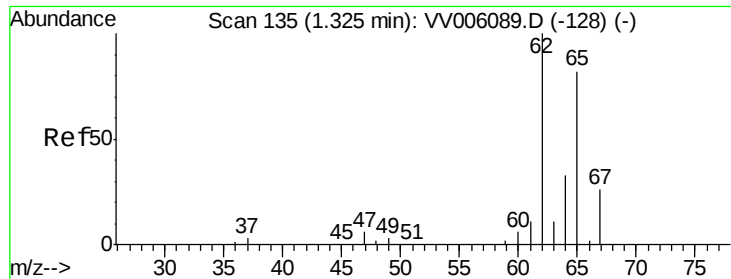
50 100

52 32.6 23.2 43.0



Abundance Ion 50.00 (49.70 to 50.70): VV006112.D (-21) (-)





#5

Vinyl chloride

Concen: 48.21 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006112.D

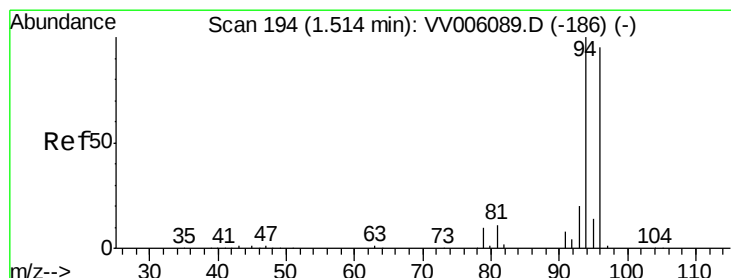
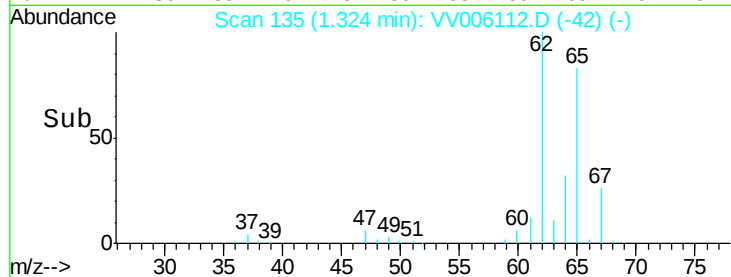
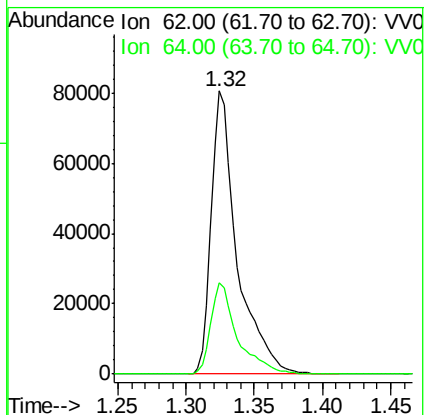
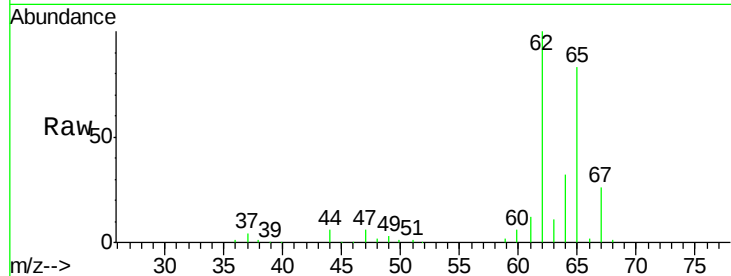
Acq: 28 May 2018 02:51

Tgt Ion: 62 Resp: 106087

Ion Ratio Lower Upper

62 100

64 32.2 23.1 42.9



#6

Bromomethane

Concen: 47.92 ug/L

RT: 1.51 min Scan# 194

Delta R.T. -0.00 min

Lab File: VV006112.D

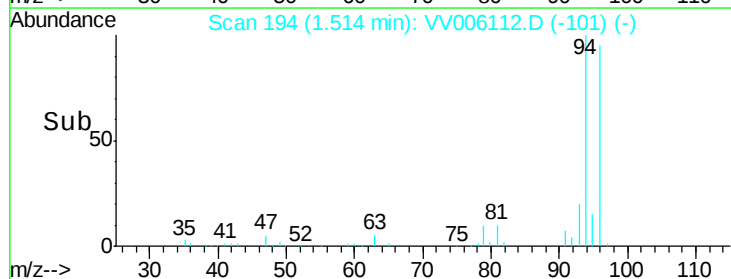
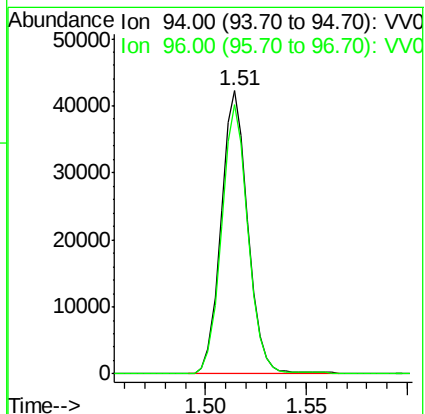
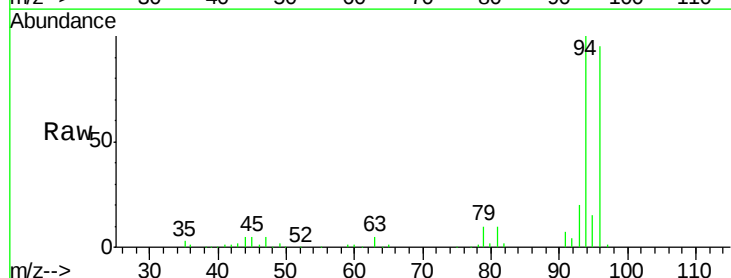
Acq: 28 May 2018 02:51

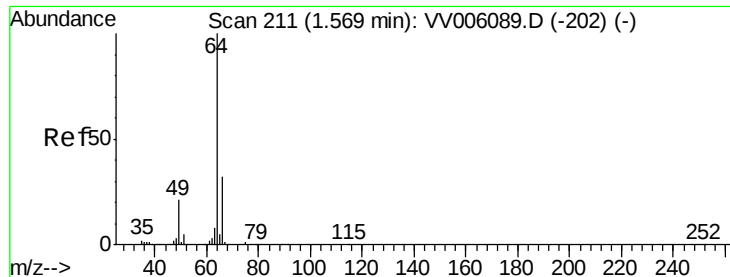
Tgt Ion: 94 Resp: 38990

Ion Ratio Lower Upper

94 100

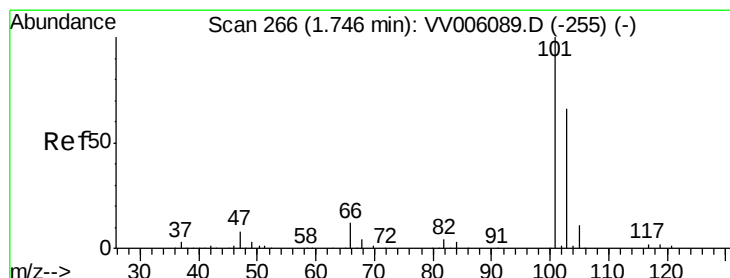
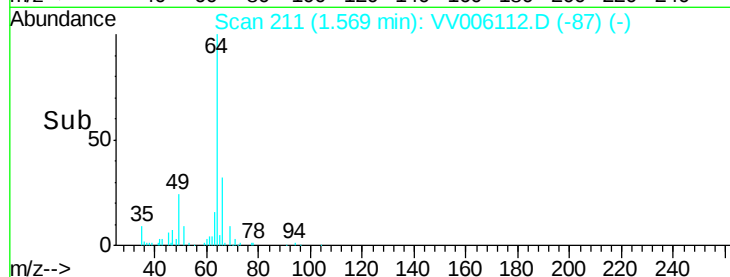
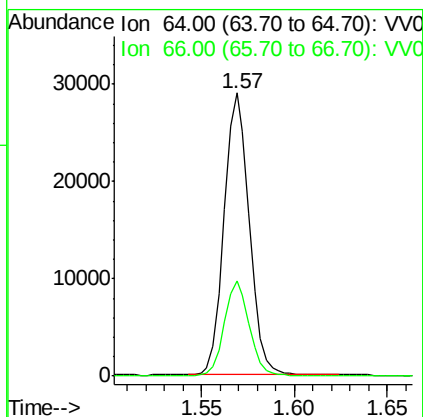
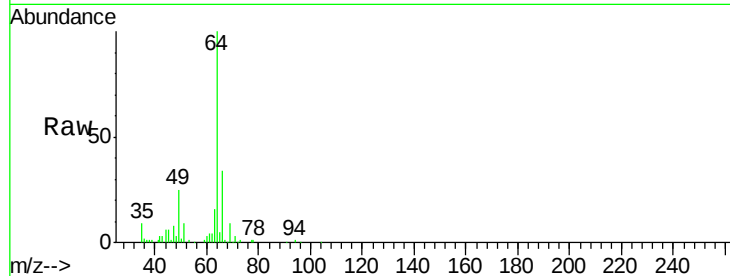
96 95.0 67.3 125.1





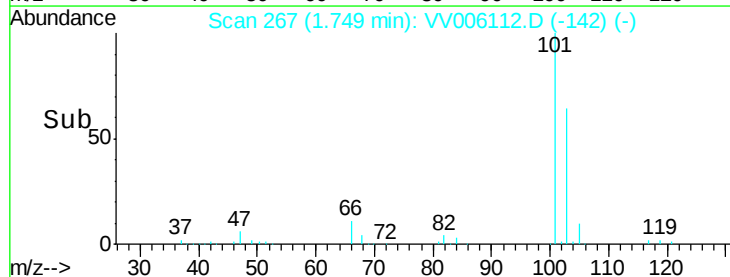
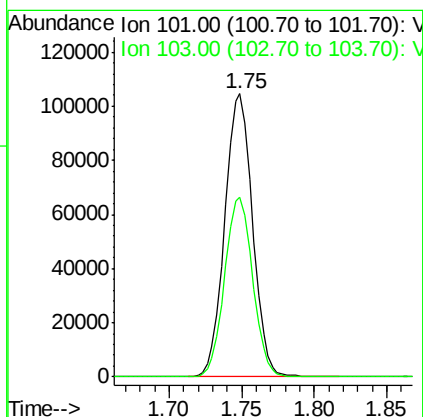
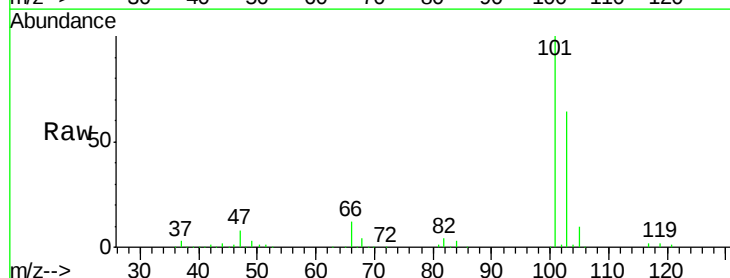
#8
Chloroethane
Concen: 46.43 ug/L
RT: 1.57 min Scan# 211
Delta R.T. -0.00 min
Lab File: VV006112.D
Acq: 28 May 2018 02:51

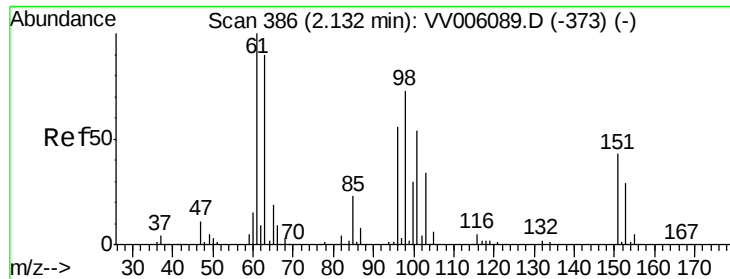
Tgt Ion: 64 Resp: 27211
Ion Ratio Lower Upper
64 100
66 33.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 47.95 ug/L
RT: 1.75 min Scan# 267
Delta R.T. 0.00 min
Lab File: VV006112.D
Acq: 28 May 2018 02:51

Tgt Ion: 101 Resp: 138974
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.4





#10

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

Concen: 46.94 ug/L

RT: 2.13 min Scan# 386

Delta R.T. -0.00 min

Lab File: VV006112.D

Acq: 28 May 2018 02:51

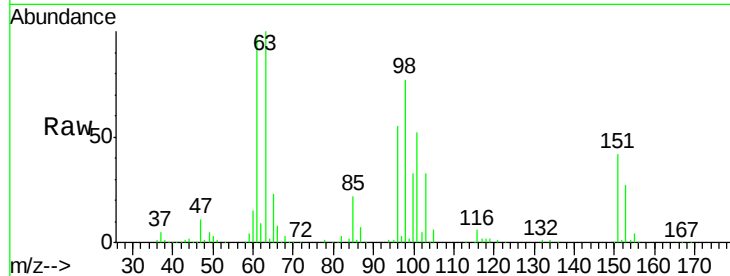
Tgt Ion: 101 Resp: 84098

Ion Ratio Lower Upper

101 100

85 41.7 34.0 51.0

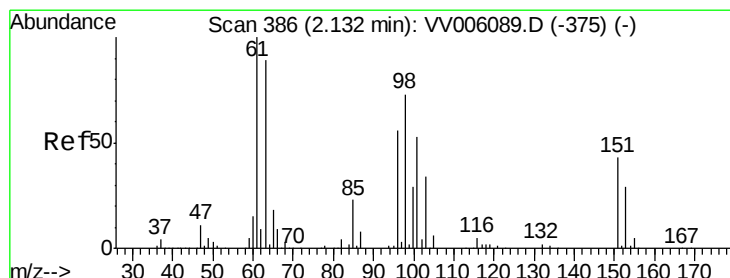
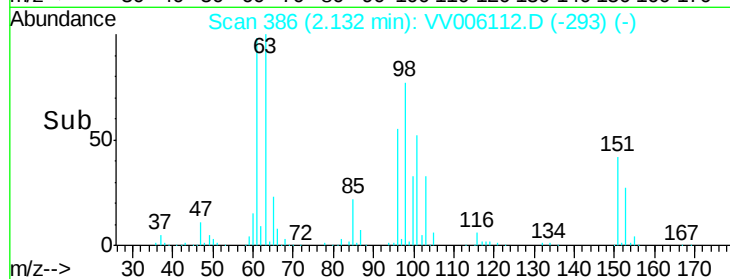
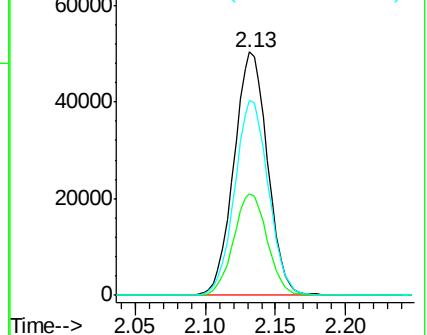
151 80.6 64.7 97.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 47.82 ug/L

RT: 2.13 min Scan# 387

Delta R.T. 0.00 min

Lab File: VV006112.D

Acq: 28 May 2018 02:51

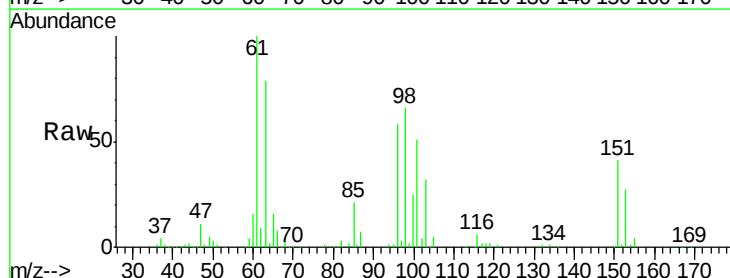
Tgt Ion: 96 Resp: 77945

Ion Ratio Lower Upper

96 100

61 173.4 120.5 223.9

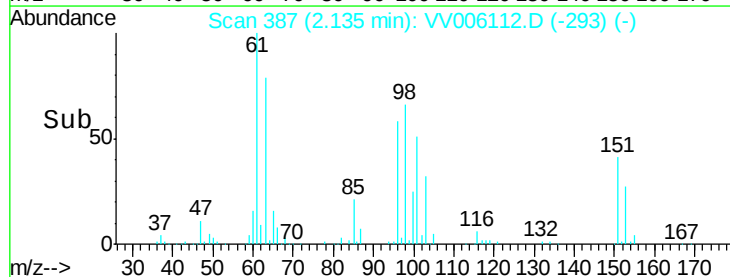
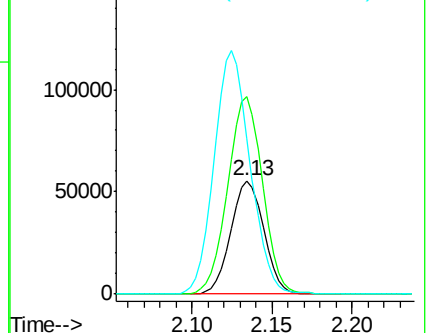
63 136.4 103.3 191.9

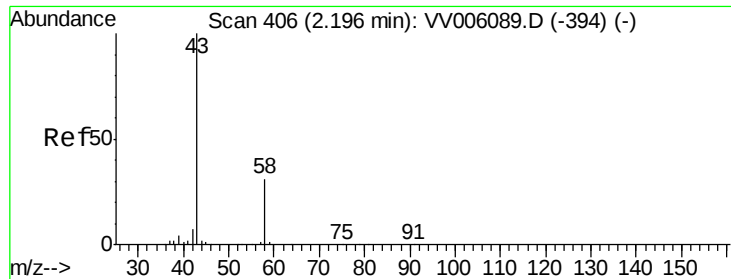


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 72.53 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.00 min

Lab File: VV006112.D

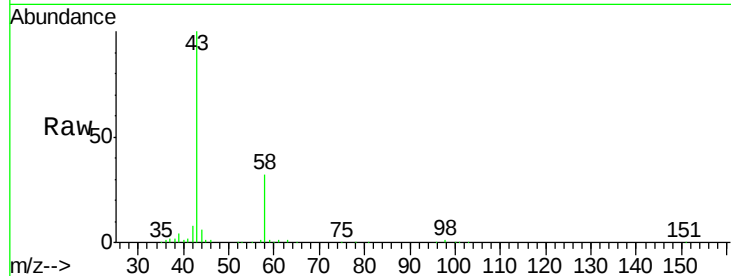
Acq: 28 May 2018 02:51

Tgt Ion: 43 Resp: 85243

Ion Ratio Lower Upper

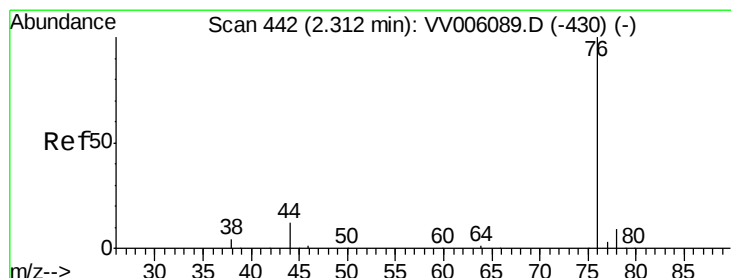
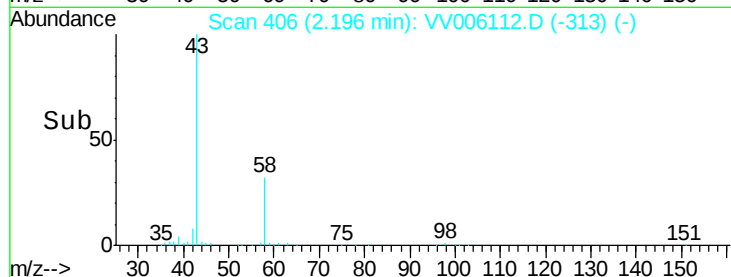
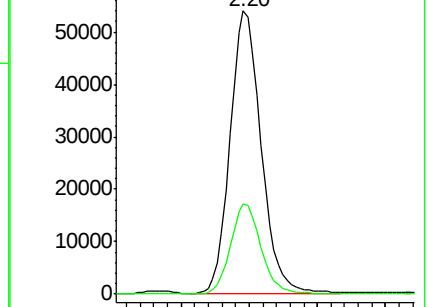
43 100

58 31.3 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV006112.D (-313) (-)

Ion 58.00 (57.70 to 58.70): VV006112.D (-313) (-)



#14

Carbon disulfide

Concen: 46.67 ug/L

RT: 2.31 min Scan# 442

Delta R.T. -0.00 min

Lab File: VV006112.D

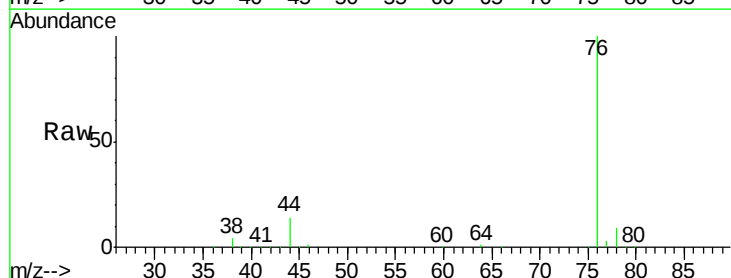
Acq: 28 May 2018 02:51

Tgt Ion: 76 Resp: 210381

Ion Ratio Lower Upper

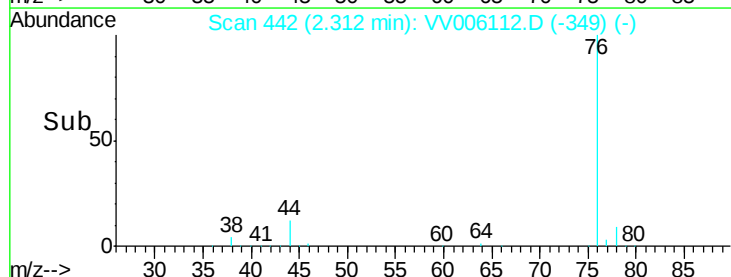
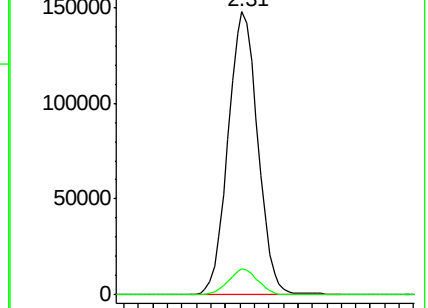
76 100

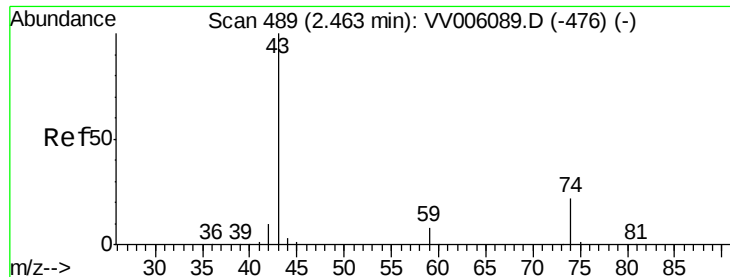
78 9.0 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VV006112.D (-349) (-)

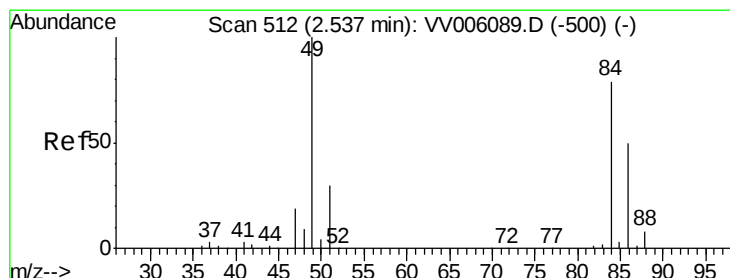
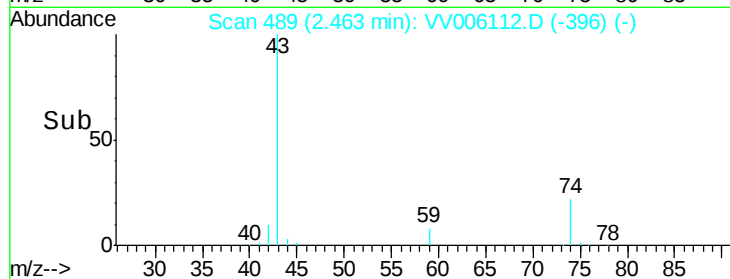
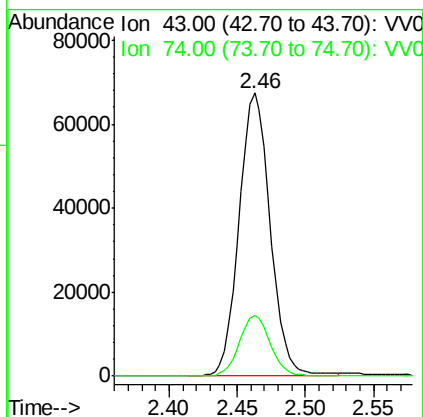
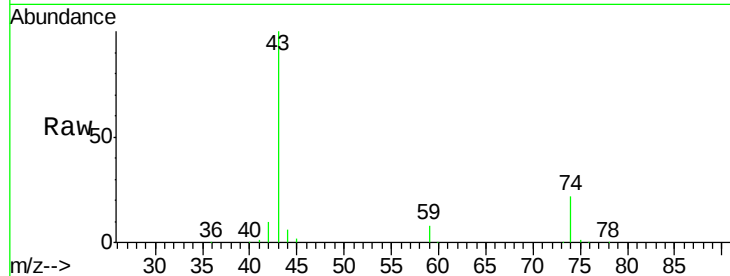
Ion 78.00 (77.70 to 78.70): VV006112.D (-349) (-)





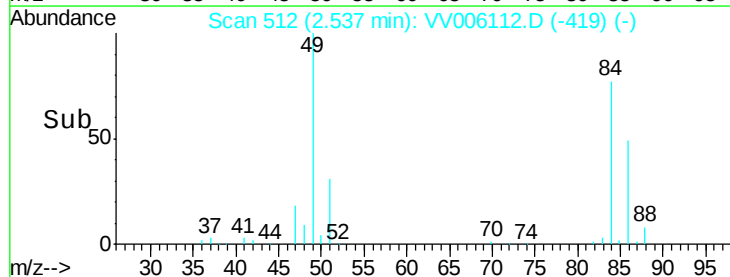
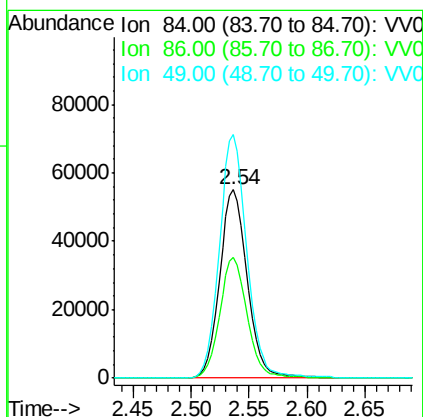
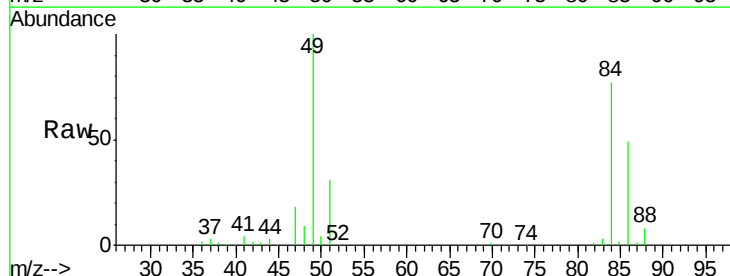
#15
Methyl Acetate
Concen: 49.08 ug/L
RT: 2.46 min Scan# 489
Delta R.T. -0.00 min
Lab File: VV006112.D
Acq: 28 May 2018 02:51

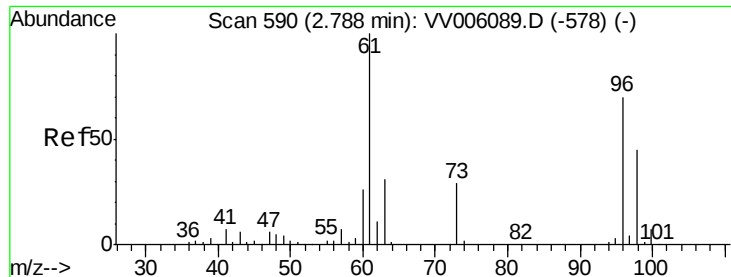
Tgt Ion: 43 Resp: 106625
Ion Ratio Lower Upper
43 100
74 21.4 17.6 26.4



#16
Methylene chloride
Concen: 49.57 ug/L
RT: 2.54 min Scan# 512
Delta R.T. -0.00 min
Lab File: VV006112.D
Acq: 28 May 2018 02:51

Tgt Ion: 84 Resp: 91705
Ion Ratio Lower Upper
84 100
86 64.0 46.3 85.9
49 129.4 90.7 168.5





#17

trans-1,2-Dichloroethene

Concen: 48.04 ug/L

RT: 2.79 min Scan# 591

Delta R.T. 0.00 min

Lab File: VV006112.D

Acq: 28 May 2018 02:51

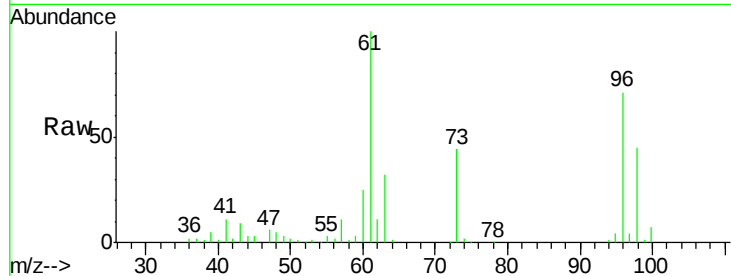
Tgt Ion: 96 Resp: 83096

Ion Ratio Lower Upper

96 100

61 140.9 102.1 189.5

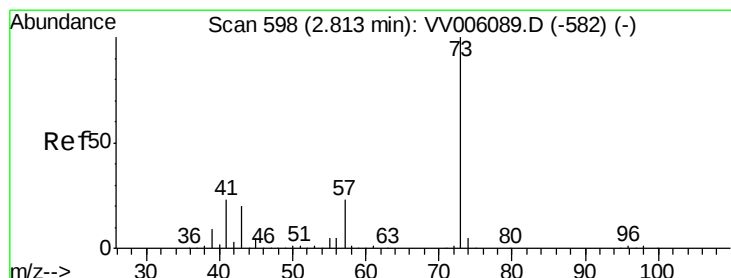
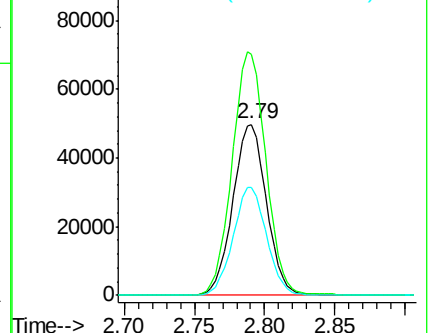
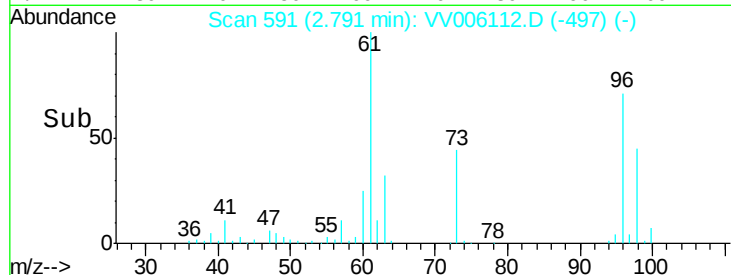
98 63.1 45.4 84.2



Abundance Ion 96.00 (95.70 to 96.70): VV006112.D (-497) (-)

Ion 61.00 (60.70 to 61.70): VV006112.D (-497) (-)

Ion 98.00 (97.70 to 98.70): VV006112.D (-497) (-)



#18

Methyl tert-butyl Ether

Concen: 48.98 ug/L

RT: 2.81 min Scan# 598

Delta R.T. -0.00 min

Lab File: VV006112.D

Acq: 28 May 2018 02:51

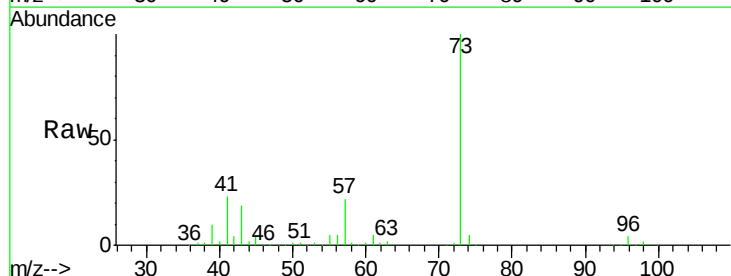
Tgt Ion: 73 Resp: 281773

Ion Ratio Lower Upper

73 100

43 19.3 15.9 23.9

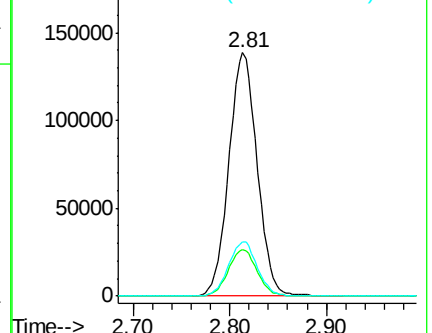
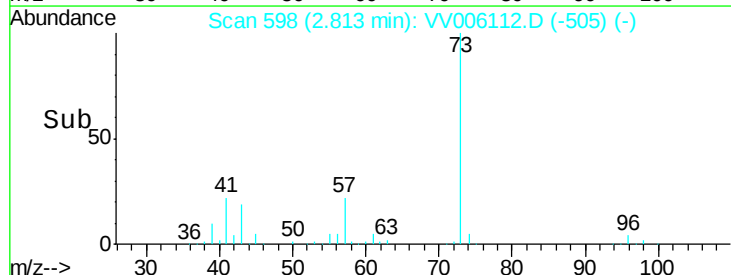
57 22.7 18.2 27.4

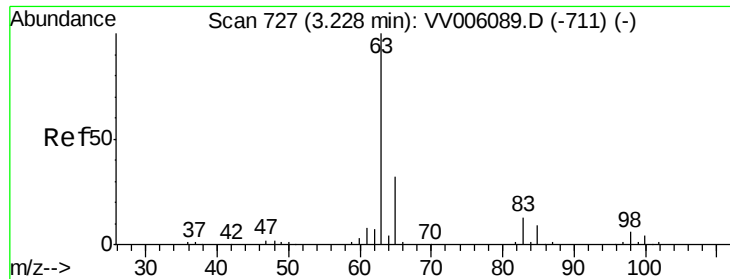


Abundance Ion 73.00 (72.70 to 73.70): VV006112.D (-505) (-)

Ion 43.00 (42.70 to 43.70): VV006112.D (-505) (-)

Ion 57.00 (56.70 to 57.70): VV006112.D (-505) (-)





#19

1,1-Dichloroethane

Concen: 49.98 ug/L

RT: 3.23 min Scan# 727

Delta R.T. -0.00 min

Lab File: VV006112.D

Acq: 28 May 2018 02:51

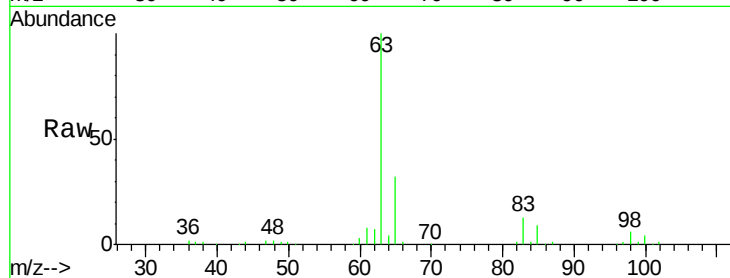
Tgt Ion: 63 Resp: 165468

Ion Ratio Lower Upper

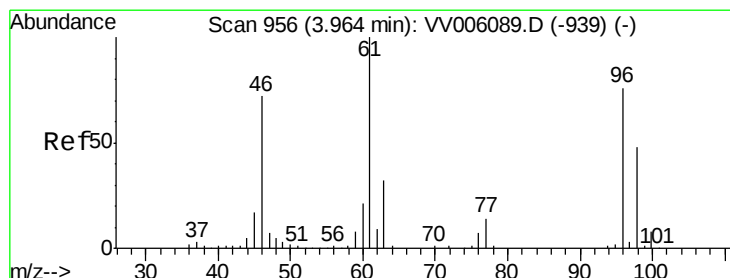
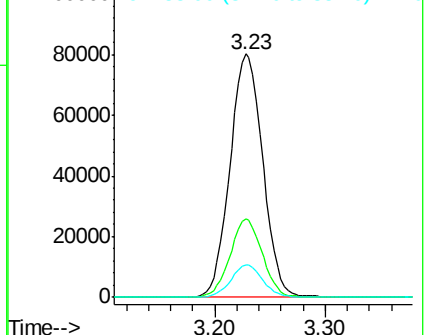
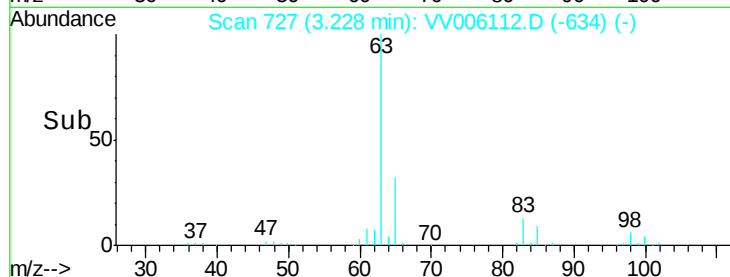
63 100

65 32.5 22.3 41.5

83 13.4 9.5 17.7



Abundance Ion 63.00 (62.70 to 63.70): VV006112.D (-634) (-)



#20

cis-1,2-Dichloroethene

Concen: 49.28 ug/L

RT: 3.96 min Scan# 956

Delta R.T. -0.00 min

Lab File: VV006112.D

Acq: 28 May 2018 02:51

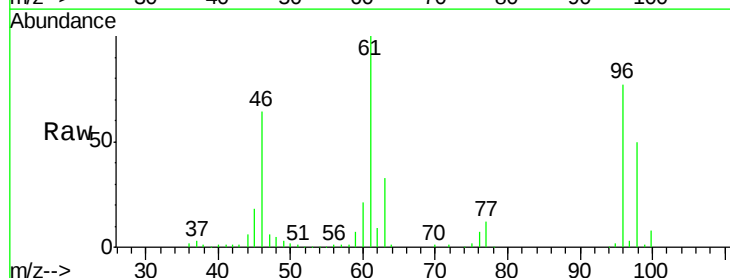
Tgt Ion: 96 Resp: 91902

Ion Ratio Lower Upper

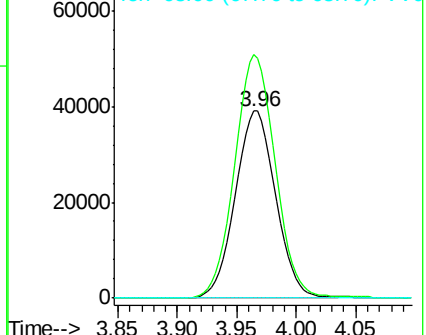
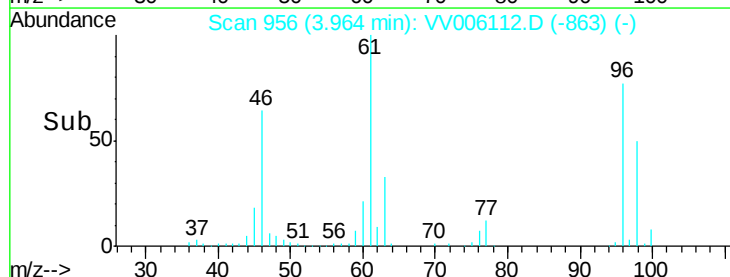
96 100

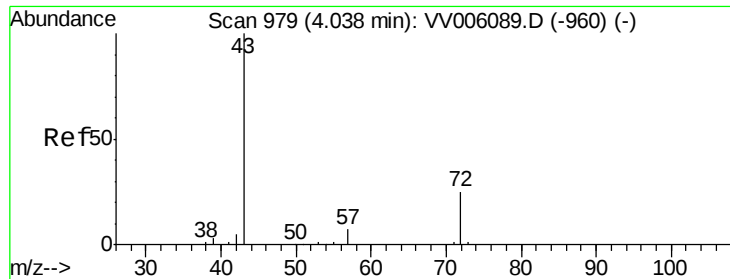
61 130.2 91.7 170.3

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006112.D (-863) (-)





#22

2-Butanone

Concen: 93.48 ug/L

RT: 4.04 min Scan# 979

Delta R.T. -0.00 min

Lab File: VV006112.D

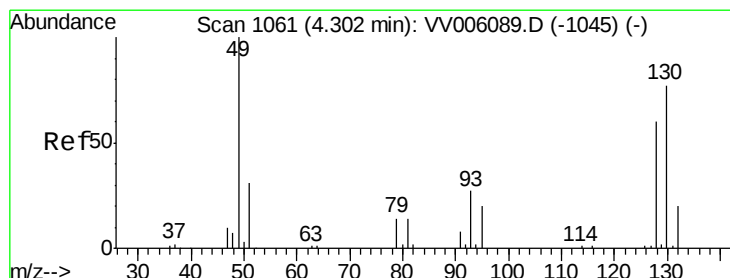
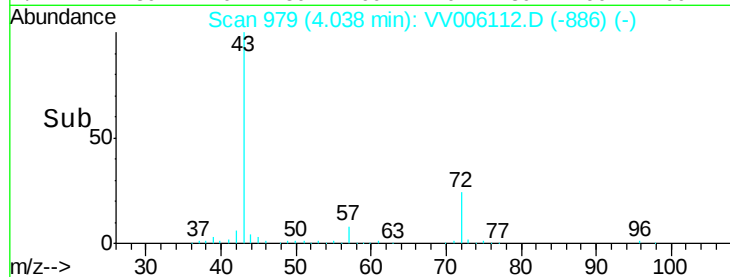
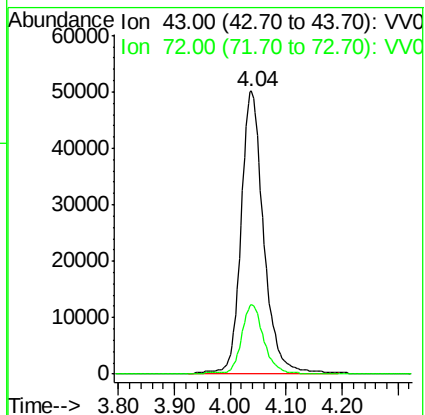
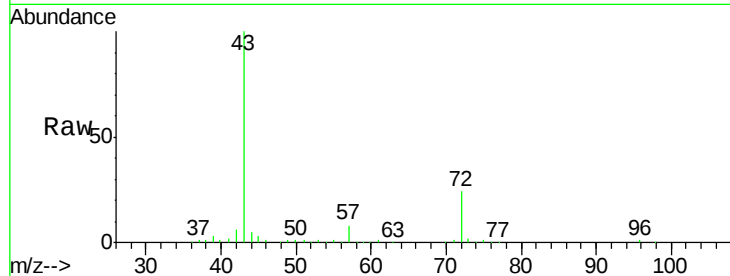
Acq: 28 May 2018 02:51

Tgt Ion: 43 Resp: 142298

Ion Ratio Lower Upper

43 100

72 23.1 11.9 35.5



#23

Bromochloromethane

Concen: 49.08 ug/L

RT: 4.30 min Scan# 1061

Delta R.T. -0.00 min

Lab File: VV006112.D

Acq: 28 May 2018 02:51

Tgt Ion: 128 Resp: 46919

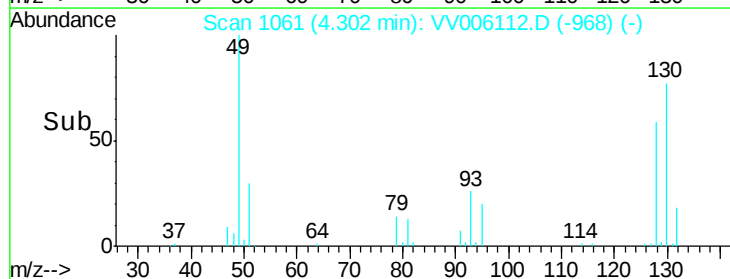
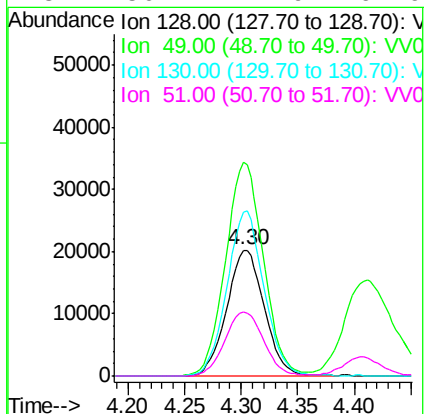
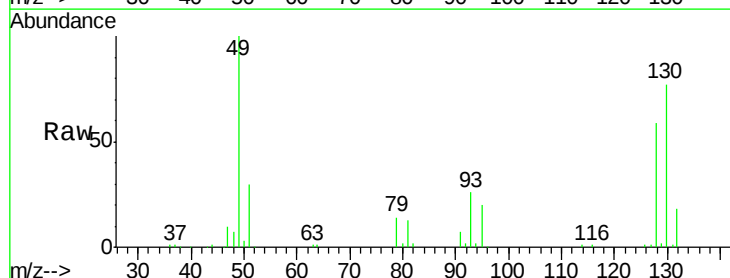
Ion Ratio Lower Upper

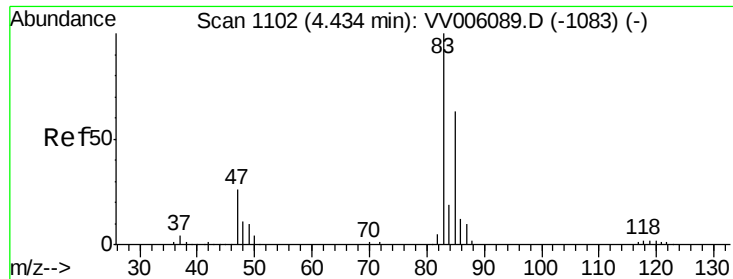
128 100

49 170.0 118.1 219.3

130 130.7 90.1 167.3

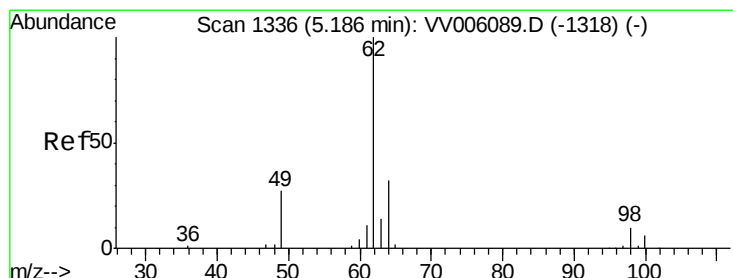
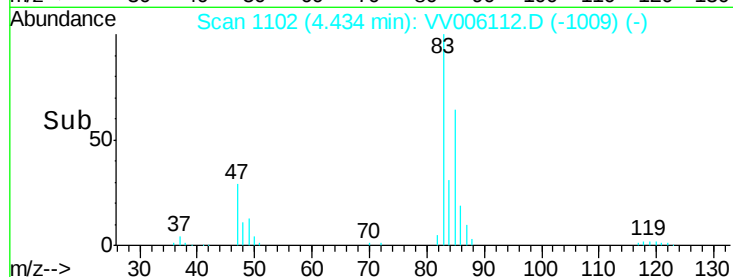
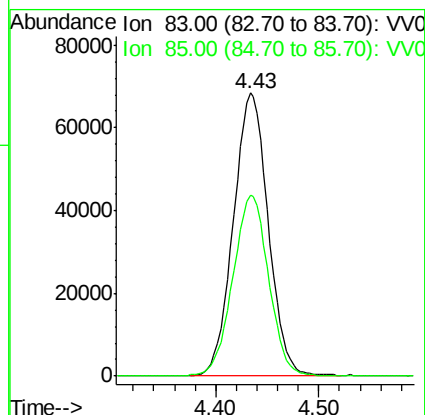
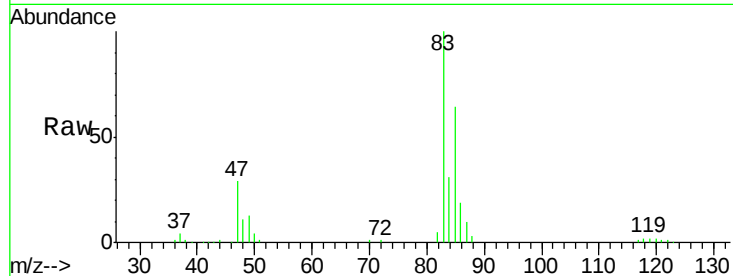
51 50.7 41.9 62.9





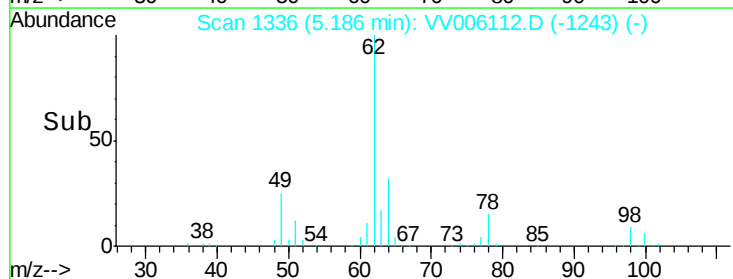
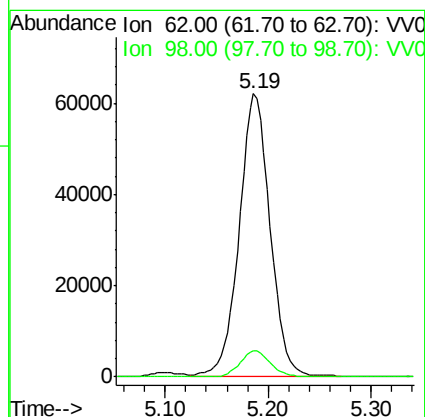
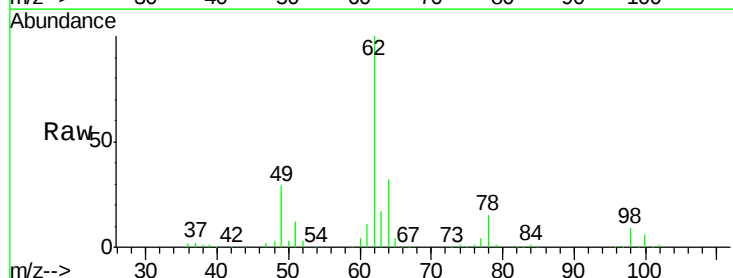
#25
Chloroform
Concen: 49.90 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VV006112.D
Acq: 28 May 2018 02:51

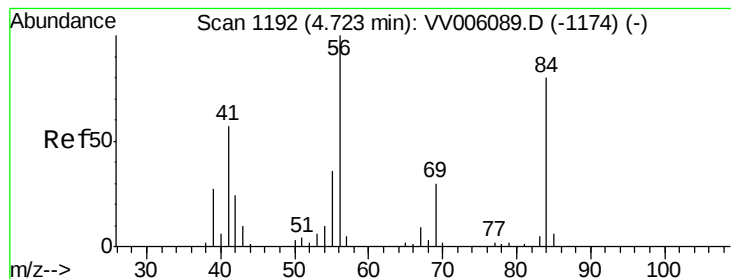
Tgt Ion: 83 Resp: 160902
Ion Ratio Lower Upper
83 100
85 63.8 45.6 84.8



#27
1,2-Dichloroethane
Concen: 49.70 ug/L
RT: 5.19 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VV006112.D
Acq: 28 May 2018 02:51

Tgt Ion: 62 Resp: 128756
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.0





#29

Cyclohexane

Concen: 47.48 ug/L

RT: 4.73 min Scan# 1193

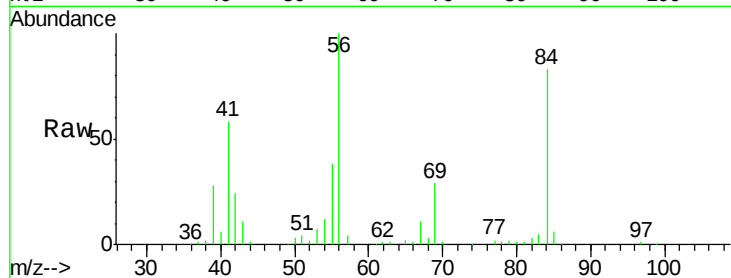
Delta R.T. 0.00 min

Lab File: VV006112.D

Acq: 28 May 2018 02:51

Tgt Ion: 56 Resp: 138523

Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.8	35.6
84	82.7	67.1	100.7

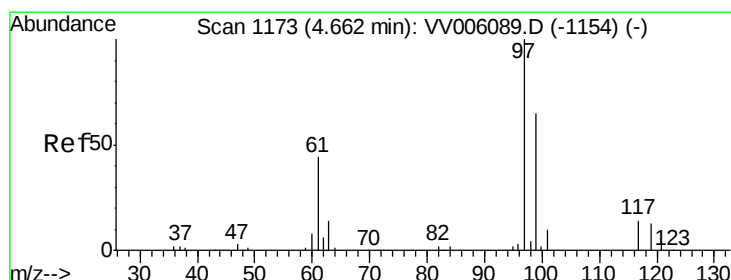
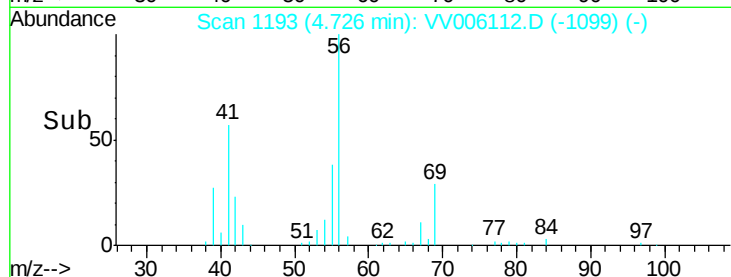
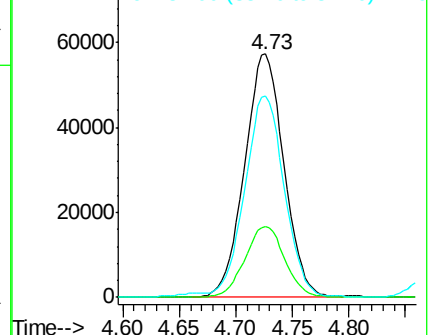


Abundance

Ion 56.00 (55.70 to 56.70): VV006112.D (-1099) (-)

Ion 69.00 (68.70 to 69.70): VV006112.D (-1099) (-)

Ion 84.00 (83.70 to 84.70): VV006112.D (-1099) (-)



#30

1,1,1-Trichloroethane

Concen: 48.97 ug/L

RT: 4.66 min Scan# 1173

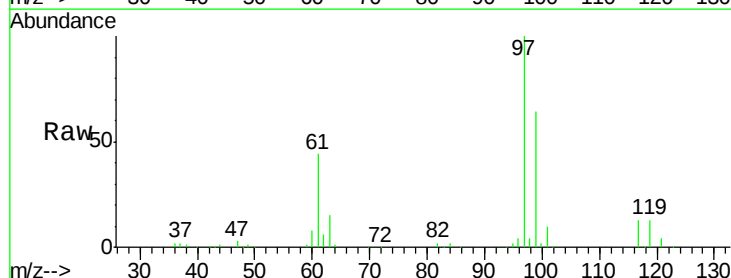
Delta R.T. -0.00 min

Lab File: VV006112.D

Acq: 28 May 2018 02:51

Tgt Ion: 97 Resp: 133471

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.9	77.9
61	44.7	37.0	55.6

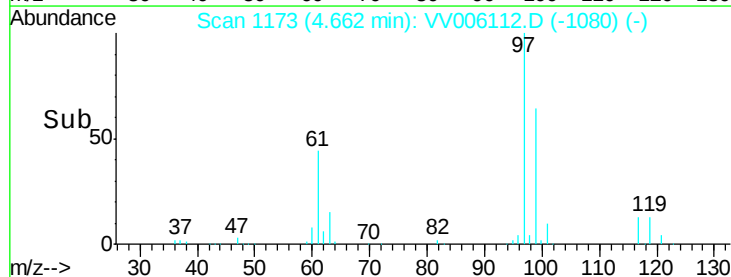
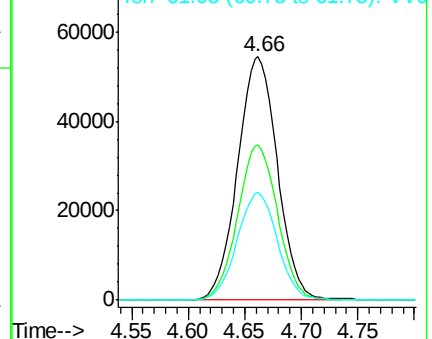


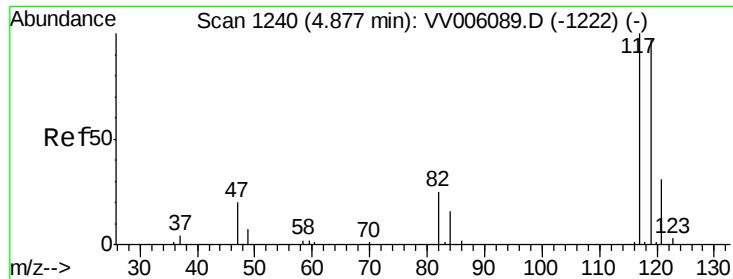
Abundance

Ion 97.00 (96.70 to 97.70): VV006112.D (-1080) (-)

Ion 99.00 (98.70 to 99.70): VV006112.D (-1080) (-)

Ion 61.05 (60.75 to 61.75): VV006112.D (-1080) (-)





#31

Carbon tetrachloride

Concen: 49.00 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VV006112.D

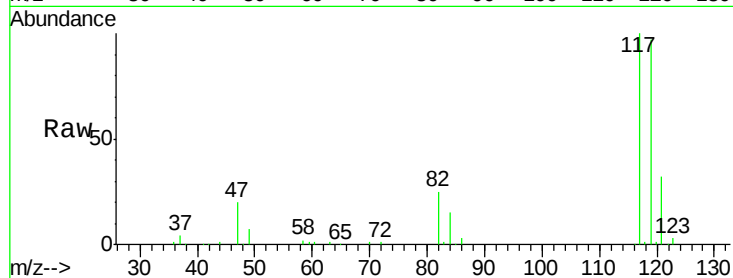
Acq: 28 May 2018 02:51

Tgt Ion: 117 Resp: 116232

Ion Ratio Lower Upper

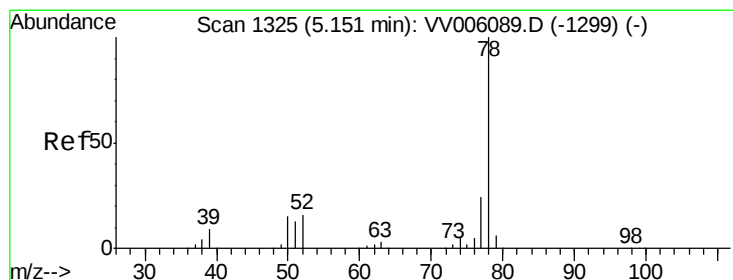
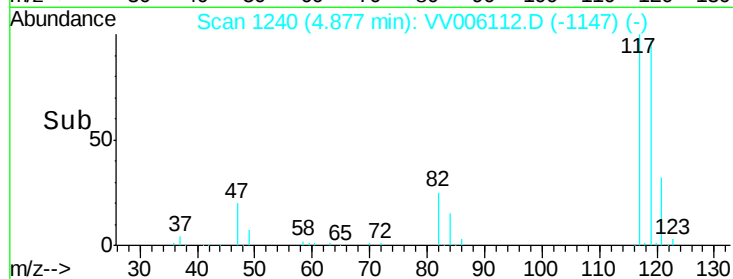
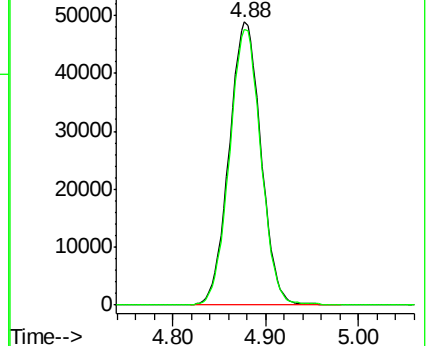
117 100

119 96.1 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: 48.65 ug/L

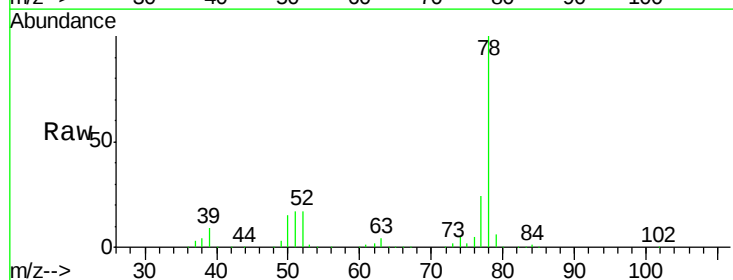
RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VV006112.D

Acq: 28 May 2018 02:51

Tgt Ion: 78 Resp: 361633



Abundance Ion 78.00 (77.70 to 78.70): VV0

200000

150000

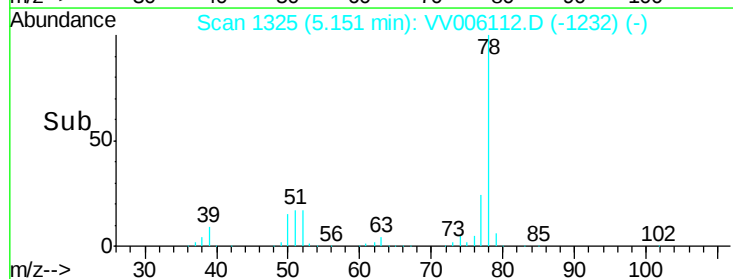
100000

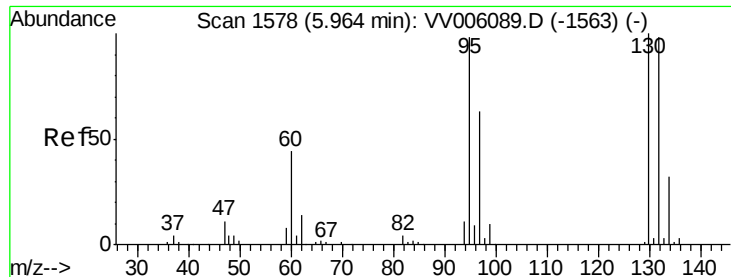
50000

0

Time-->

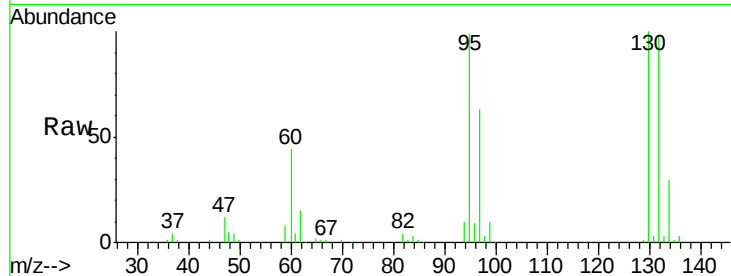
5.00 5.10 5.20



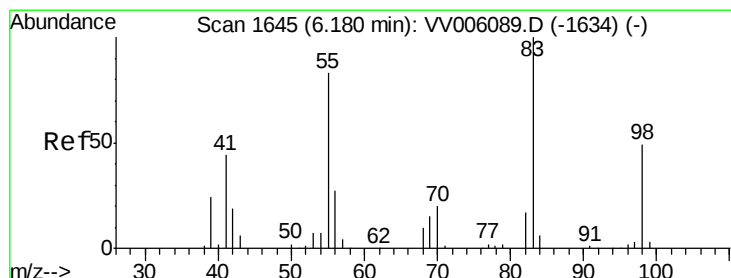
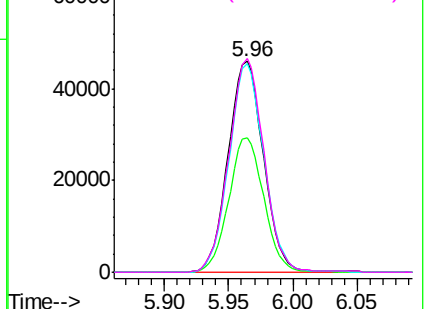
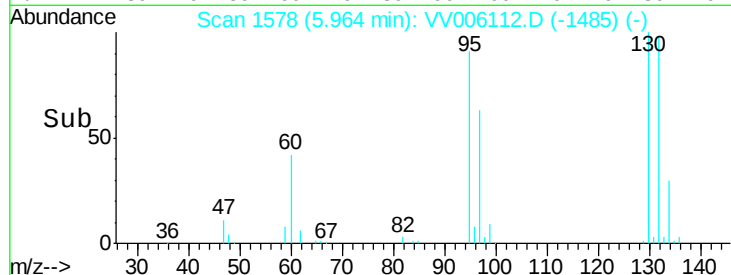


#34
Trichloroethene
Concen: 46.97 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VV006112.D
Acq: 28 May 2018 02:51

Tgt Ion: 95 Resp: 87567
Ion Ratio Lower Upper
95 100
97 63.8 45.4 84.4
132 99.0 69.0 128.2
130 101.2 71.2 132.2

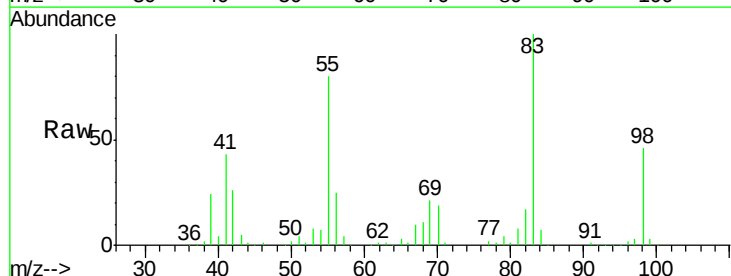


Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0

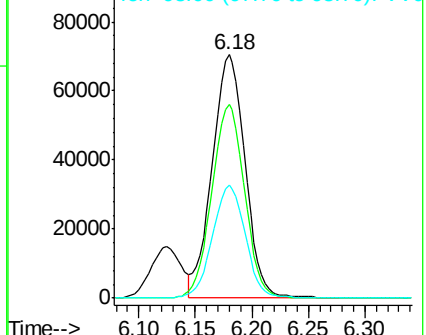
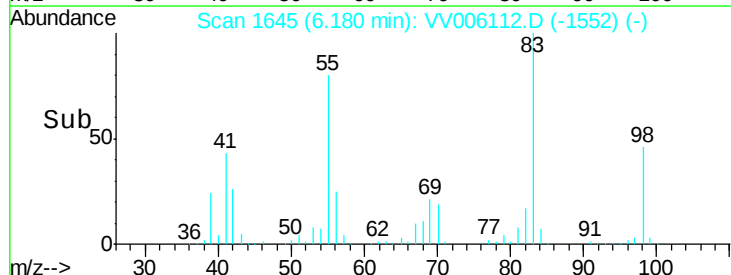


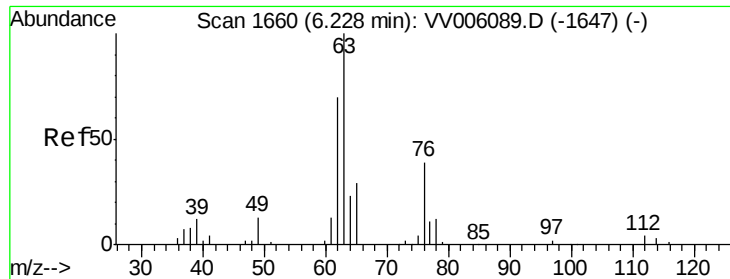
#35
Methylcyclohexane
Concen: 47.17 ug/L
RT: 6.18 min Scan# 1645
Delta R.T. -0.00 min
Lab File: VV006112.D
Acq: 28 May 2018 02:51

Tgt Ion: 83 Resp: 142497
Ion Ratio Lower Upper
83 100
55 79.3 62.8 94.2
98 46.7 37.5 56.3



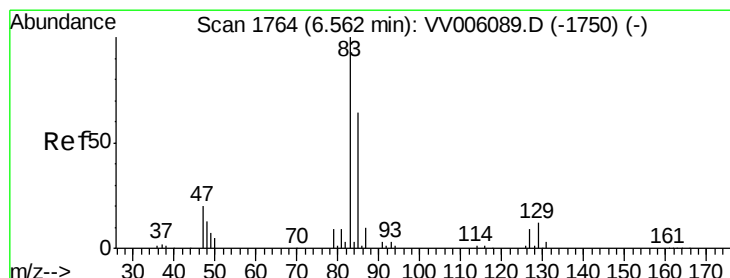
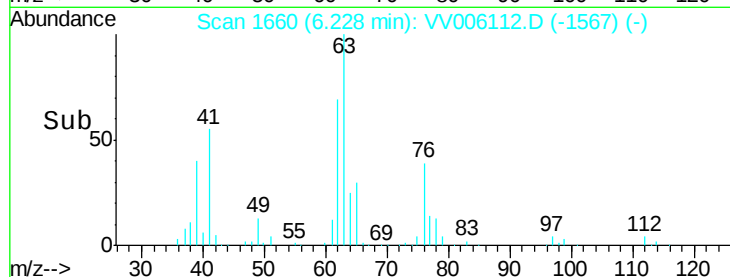
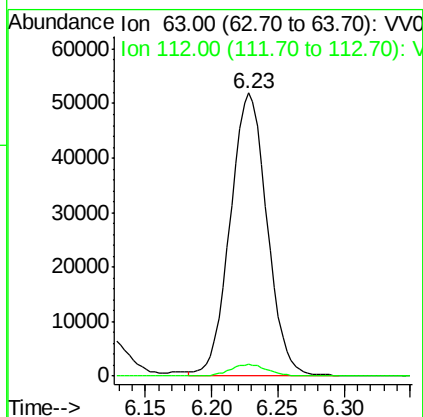
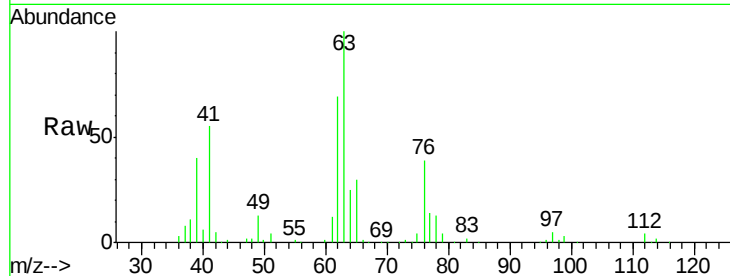
Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0





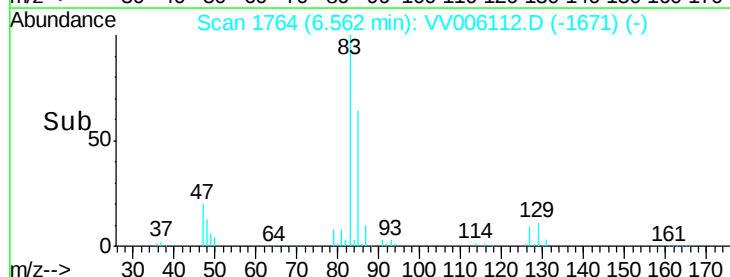
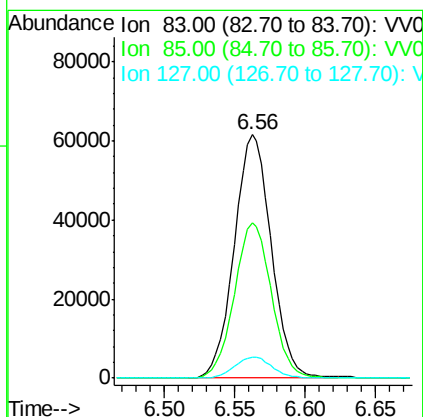
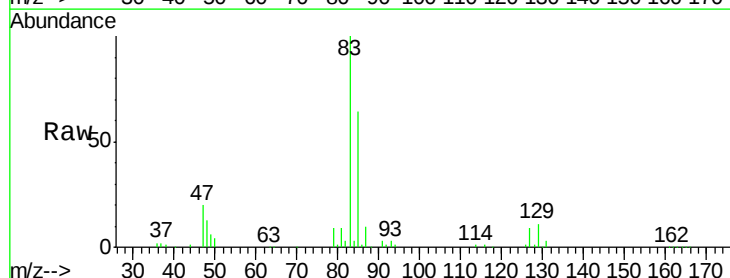
#37
 1,2-Dichloropropane
 Concen: 49.16 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VV006112.D
 Acq: 28 May 2018 02:51

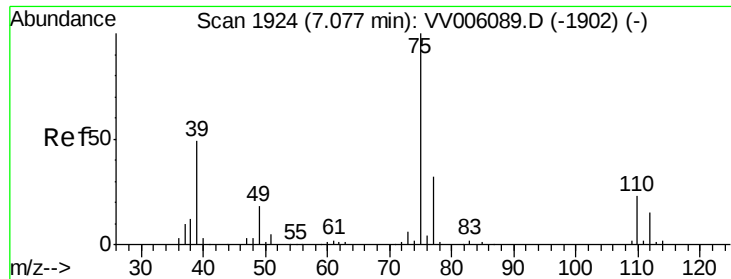
Tgt Ion: 63 Resp: 99666
 Ion Ratio Lower Upper
 63 100
 112 4.1 3.2 4.8



#38
 Bromodichloromethane
 Concen: 48.25 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: VV006112.D
 Acq: 28 May 2018 02:51

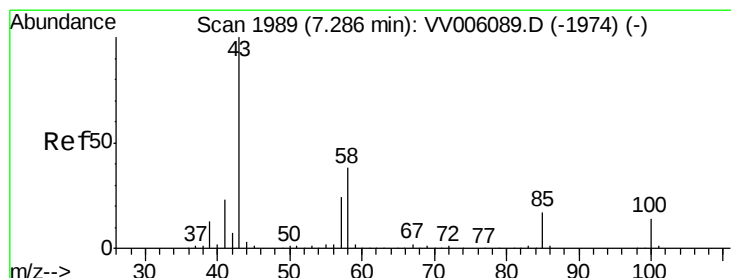
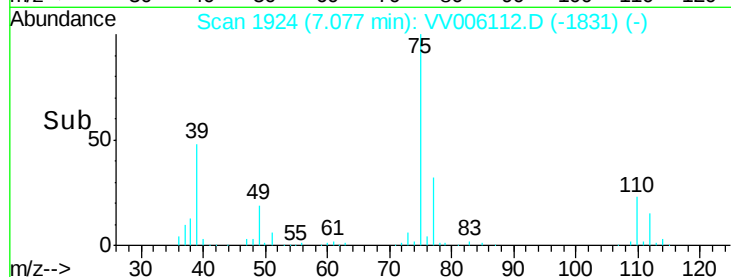
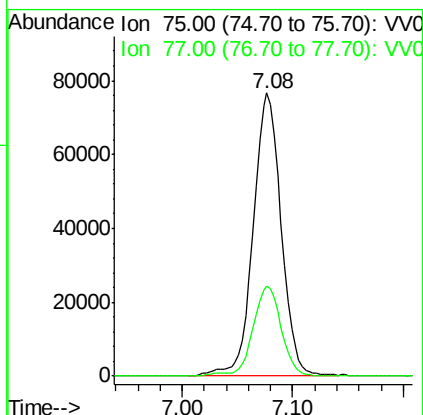
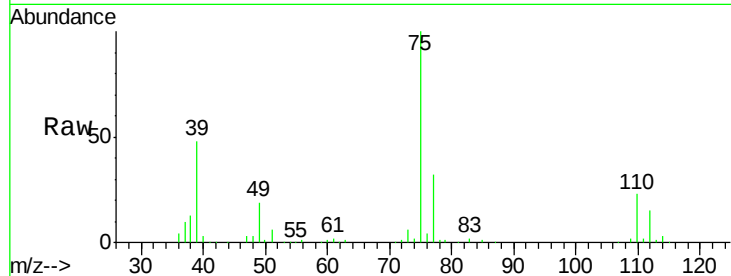
Tgt Ion: 83 Resp: 113306
 Ion Ratio Lower Upper
 83 100
 85 64.0 45.6 84.6
 127 8.6 6.9 10.3





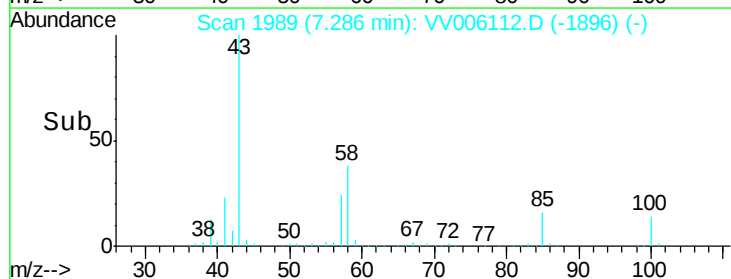
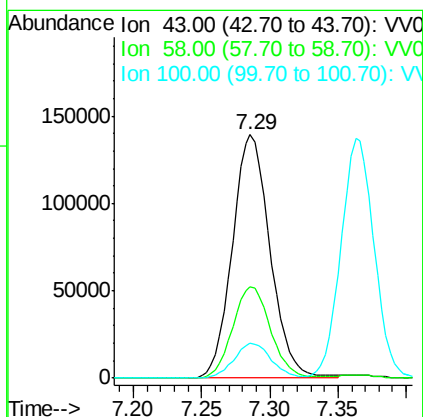
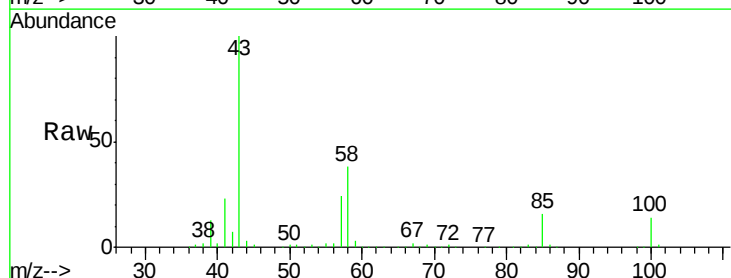
#39
 cis-1,3-Dichloropropene
 Concen: 47.82 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VV006112.D
 Acq: 28 May 2018 02:51

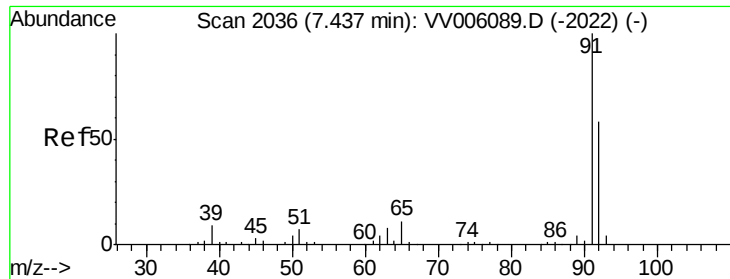
Tgt Ion: 75 Resp: 134767
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 100.69 ug/L
 RT: 7.29 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: VV006112.D
 Acq: 28 May 2018 02:51

Tgt Ion: 43 Resp: 267305
 Ion Ratio Lower Upper
 43 100
 58 37.8 30.3 45.5
 100 14.1 11.2 16.8





#42

Toluene

Concen: 49.86 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV006112.D

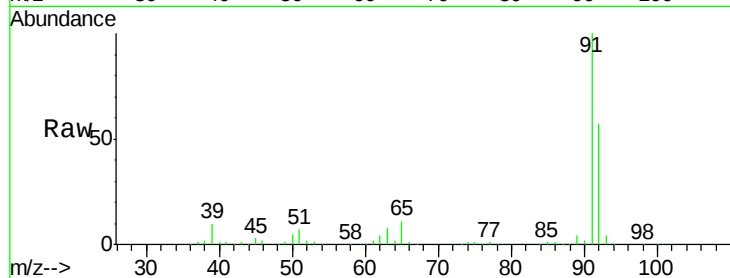
Acq: 28 May 2018 02:51

Tgt Ion: 91 Resp: 379558

Ion Ratio Lower Upper

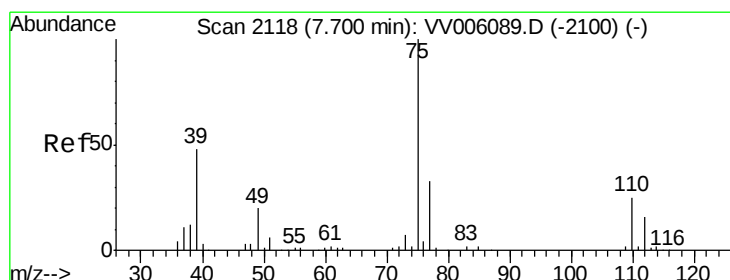
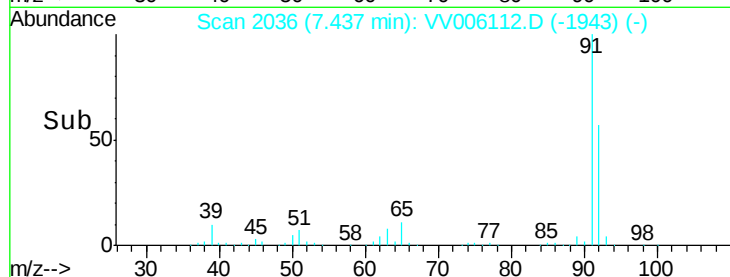
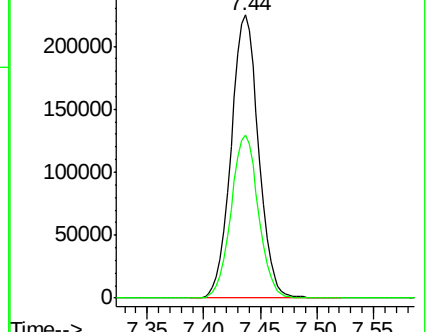
91 100

92 57.5 40.3 74.8



Abundance Ion 91.00 (90.70 to 91.70): VV006112.D (-1943) (-)

Ion 92.00 (91.70 to 92.70): VV006112.D (-1943) (-)



#44

trans-1,3-Dichloropropene

Concen: 47.81 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VV006112.D

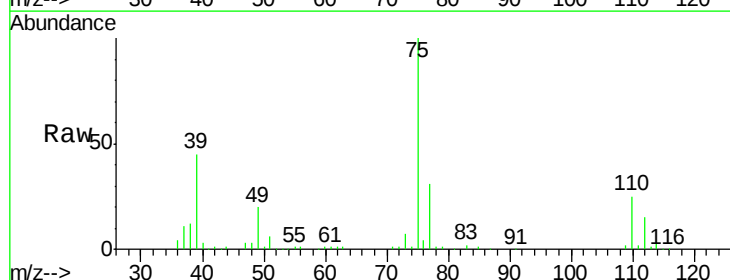
Acq: 28 May 2018 02:51

Tgt Ion: 75 Resp: 124278

Ion Ratio Lower Upper

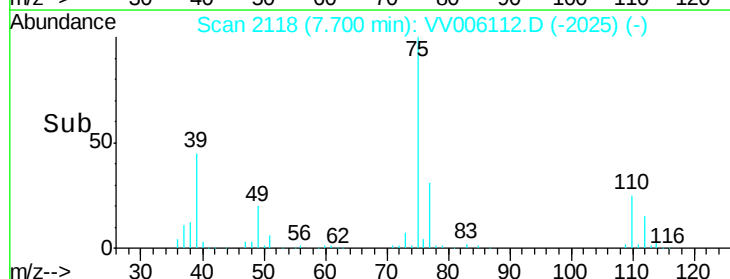
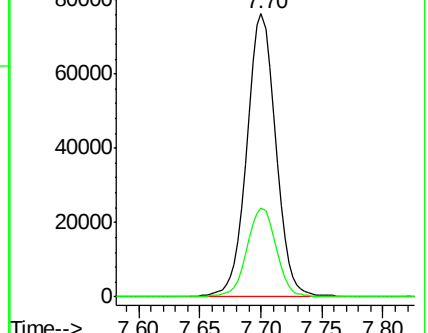
75 100

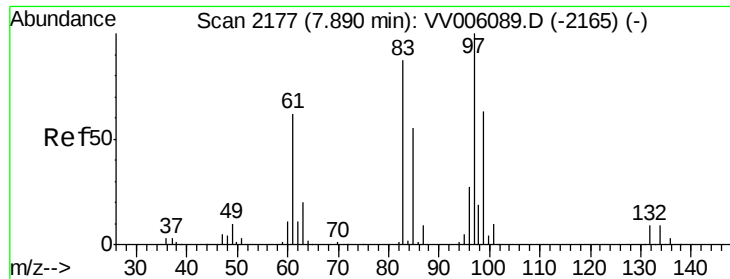
77 31.2 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV006112.D (-2025) (-)

Ion 77.00 (76.70 to 77.70): VV006112.D (-2025) (-)





#45

1,1,2-Trichloroethane

Concen: 48.34 ug/L

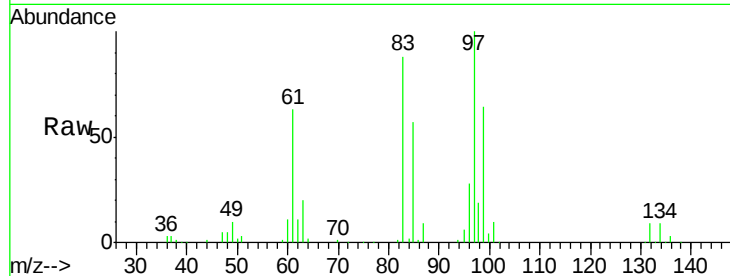
RT: 7.89 min Scan# 2177

Delta R.T. -0.00 min

Lab File: VV006112.D

Acq: 28 May 2018 02:51

Tgt Ion:	97	Resp:	90087
Ion	Ratio	Lower	Upper
97	100		
99	63.6	44.0	81.6
83	88.3	61.0	113.4
85	57.4	38.6	71.6

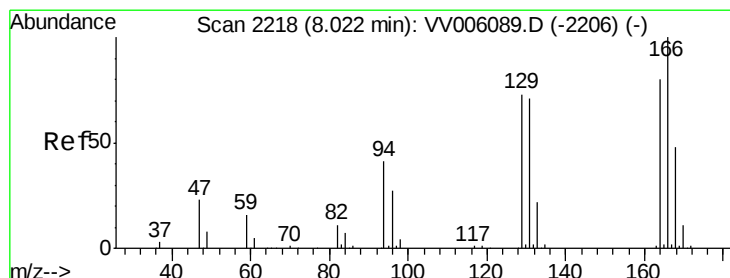
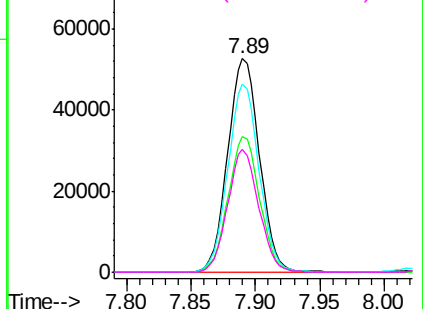
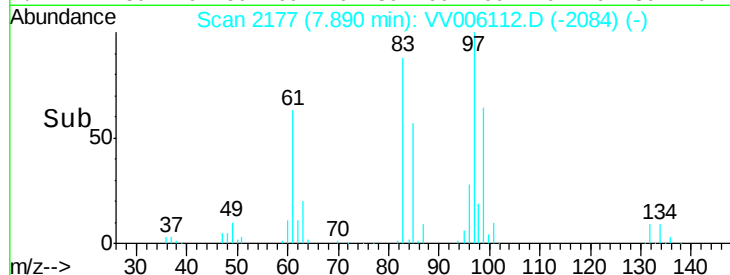


Abundance Ion 97.00 (96.70 to 97.70): VV006112.D (-2084) (-)

Ion 99.00 (98.70 to 99.70): VV006112.D (-2084) (-)

Ion 83.00 (82.70 to 83.70): VV006112.D (-2084) (-)

Ion 85.00 (84.70 to 85.70): VV006112.D (-2084) (-)



#46

Tetrachloroethene

Concen: 47.08 ug/L

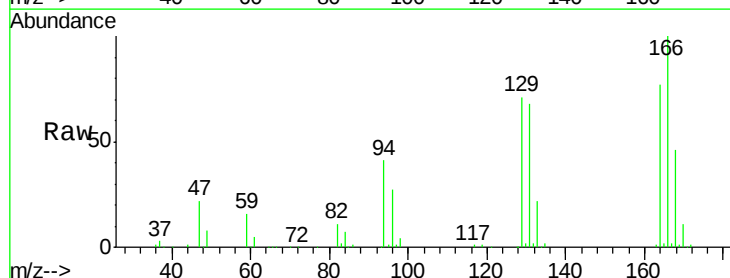
RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006112.D

Acq: 28 May 2018 02:51

Tgt Ion:	164	Resp:	73235
Ion	Ratio	Lower	Upper
164	100		
129	91.9	63.9	118.7
131	87.7	61.6	114.4
166	129.5	88.3	164.1

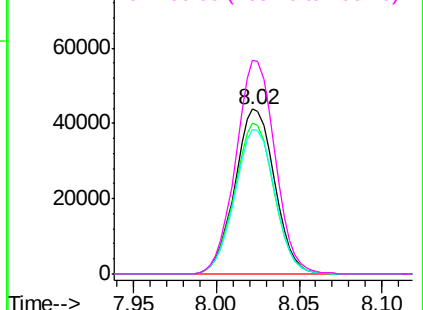
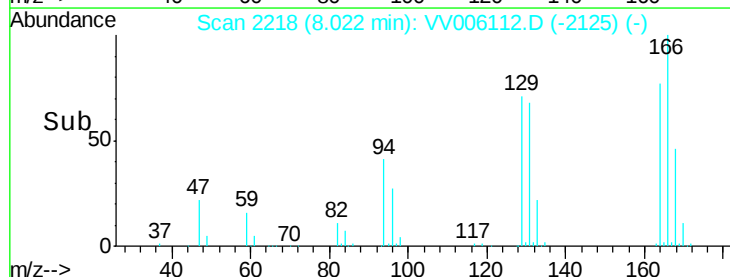


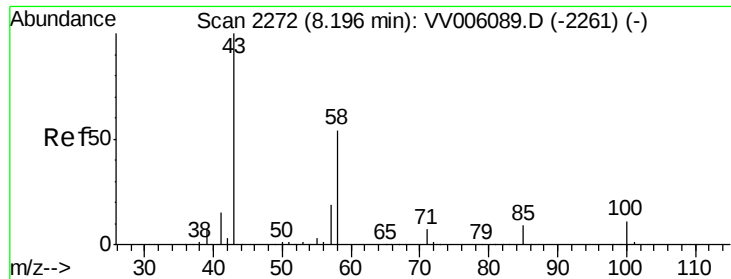
Abundance Ion 164.00 (163.70 to 164.70): VV006112.D (-2125) (-)

Ion 129.00 (128.70 to 129.70): VV006112.D (-2125) (-)

Ion 131.00 (130.70 to 131.70): VV006112.D (-2125) (-)

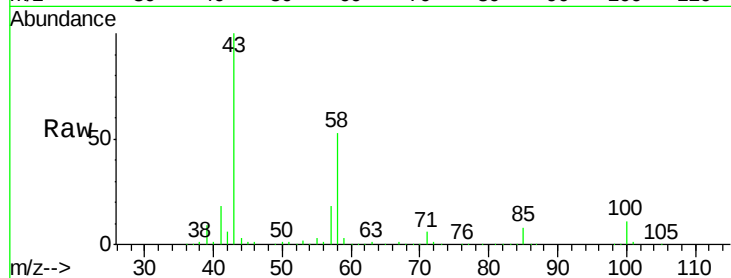
Ion 166.00 (165.70 to 166.70): VV006112.D (-2125) (-)



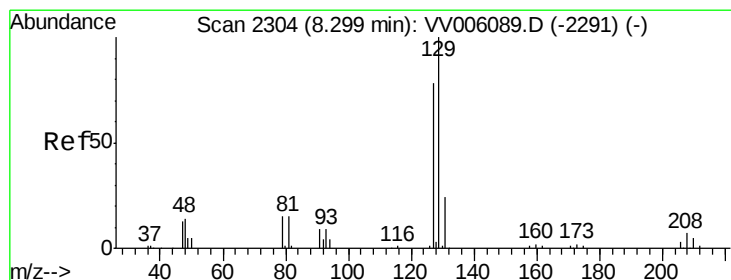
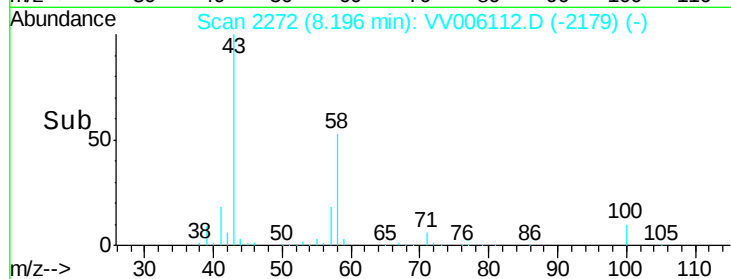
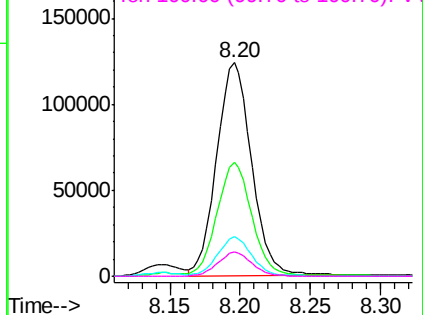


#48
2-Hexanone
Concen: 96.41 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VV006112.D
Acq: 28 May 2018 02:51

Tgt Ion:	43	Resp:	211806
Ion	Ratio	Lower	Upper
43	100		
58	53.6	42.2	63.4
57	18.1	14.5	21.7
100	11.3	8.7	13.1

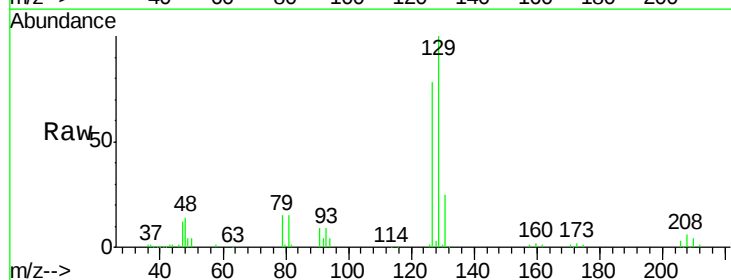


Abundance Ion 43.00 (42.70 to 43.70): VV006112.D (-2179) (-)
Ion 58.00 (57.70 to 58.70): VV006112.D (-2179) (-)
Ion 57.00 (56.70 to 57.70): VV006112.D (-2179) (-)
Ion 100.00 (99.70 to 100.70): VV006112.D (-2179) (-)

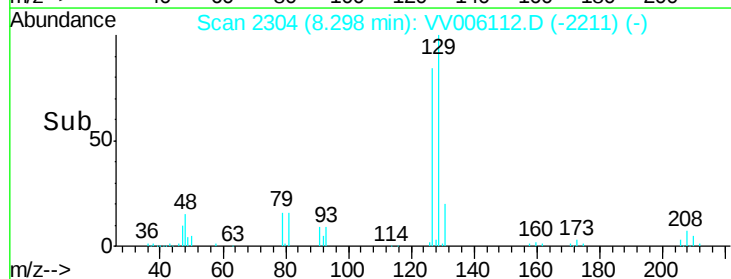
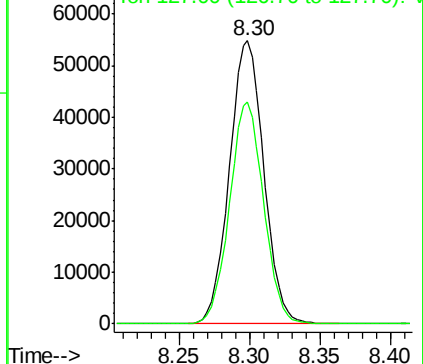


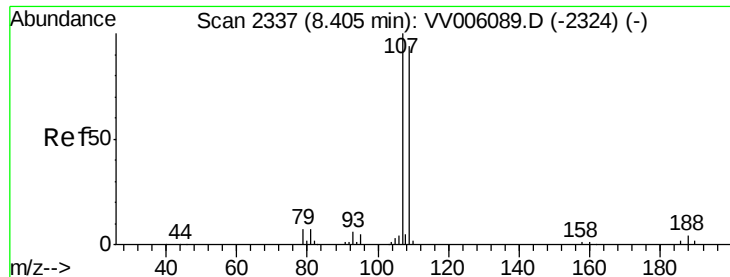
#49
Dibromochloromethane
Concen: 48.54 ug/L
RT: 8.30 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VV006112.D
Acq: 28 May 2018 02:51

Tgt Ion:	129	Resp:	93573
Ion	Ratio	Lower	Upper
129	100		
127	78.4	54.1	100.5



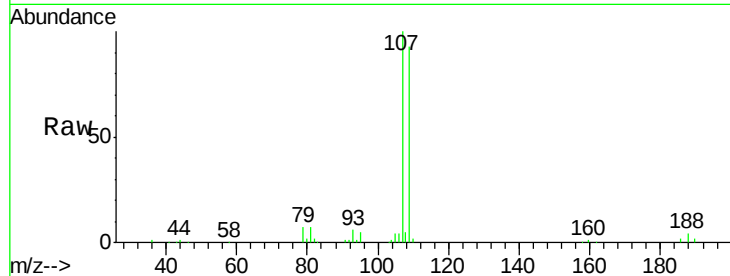
Abundance Ion 129.00 (128.70 to 129.70): VV006112.D (-2211) (-)
Ion 127.00 (126.70 to 127.70): VV006112.D (-2211) (-)



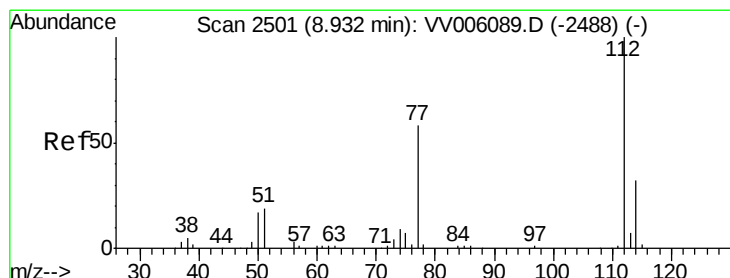
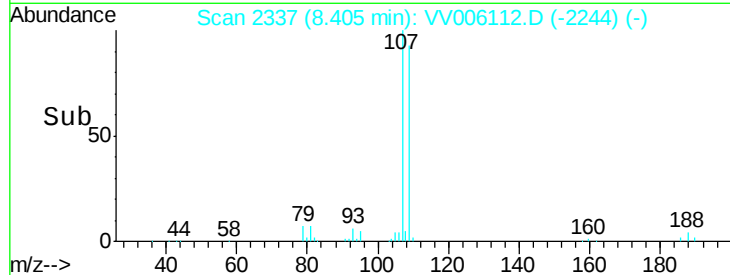
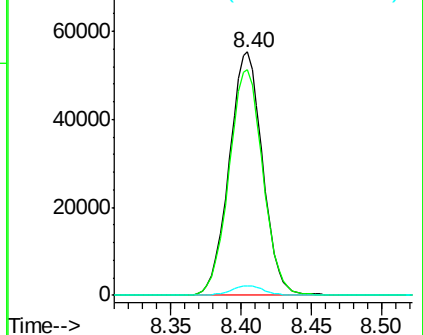


#50
1,2-Dibromoethane
Concen: 49.33 ug/L
RT: 8.40 min Scan# 2337
Delta R.T. -0.00 min
Lab File: VV006112.D
Acq: 28 May 2018 02:51

Tgt Ion:107 Resp: 91431
Ion Ratio Lower Upper
107 100
109 92.7 64.8 120.4
188 3.8 3.1 4.7

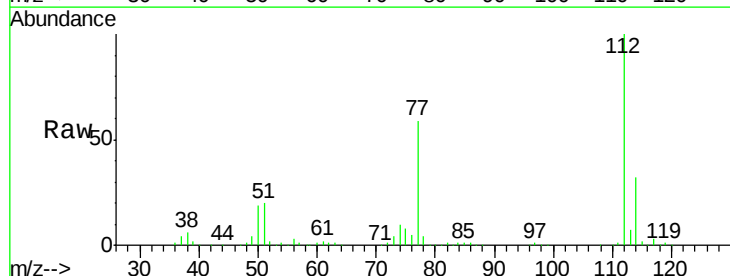


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

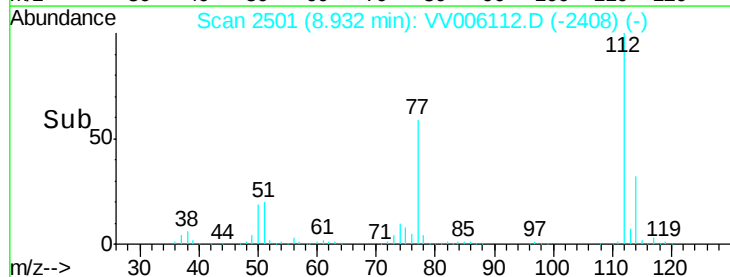
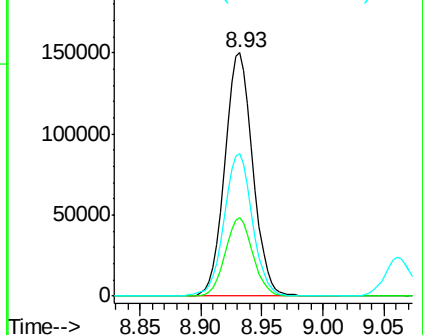


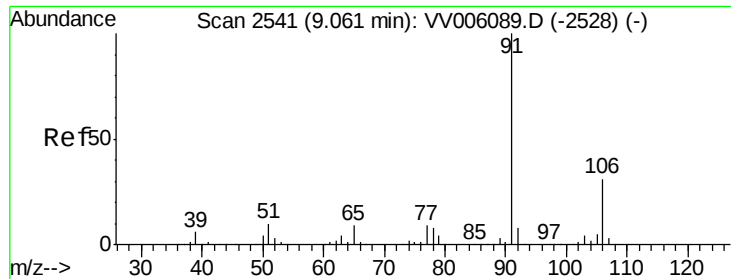
#51
Chlorobenzene
Concen: 48.10 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. -0.00 min
Lab File: VV006112.D
Acq: 28 May 2018 02:51

Tgt Ion:112 Resp: 241777
Ion Ratio Lower Upper
112 100
114 32.0 22.6 42.0
77 58.6 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): VV0





#52

Ethylbenzene

Concen: 49.04 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV006112.D

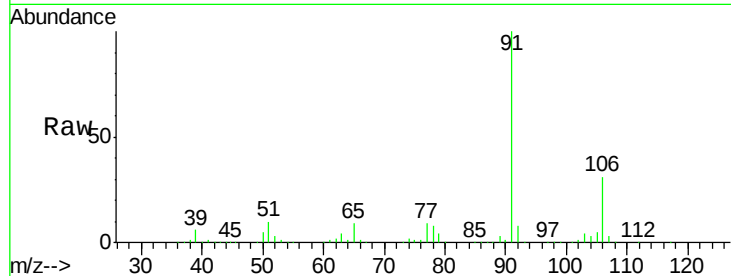
Acq: 28 May 2018 02:51

Tgt Ion: 91 Resp: 402070

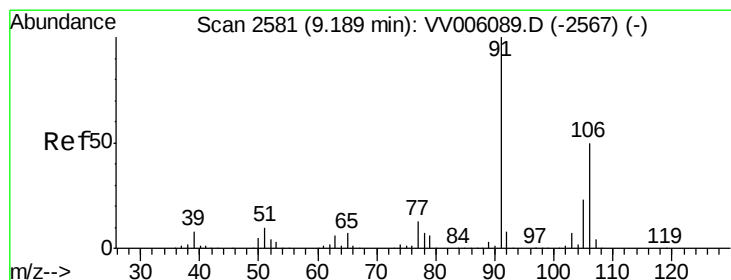
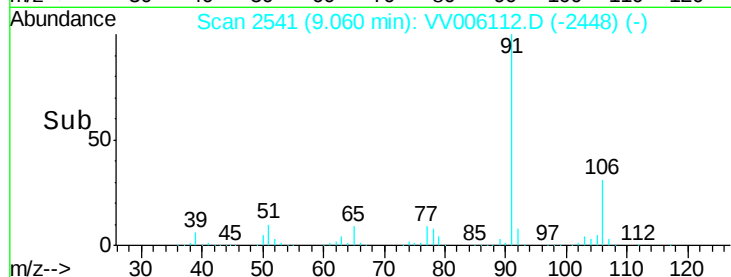
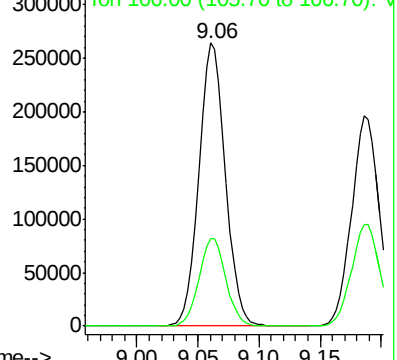
Ion Ratio Lower Upper

91 100

106 31.1 21.8 40.6



Abundance Ion 91.00 (90.70 to 91.70): VV006112.D (-2448) (-)



#53

m,p-Xylene

Concen: 49.61 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV006112.D

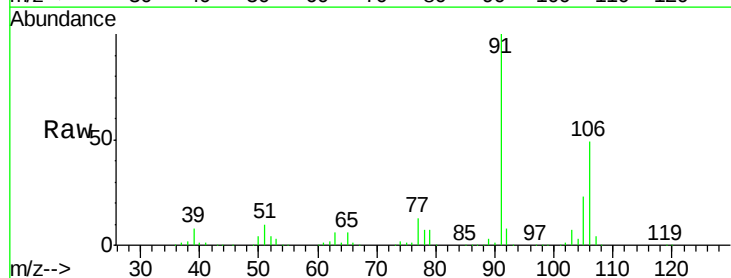
Acq: 28 May 2018 02:51

Tgt Ion: 106 Resp: 152991

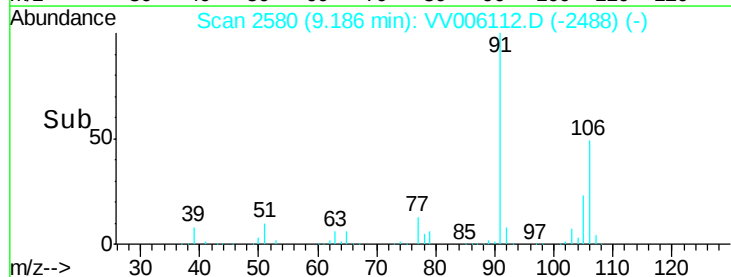
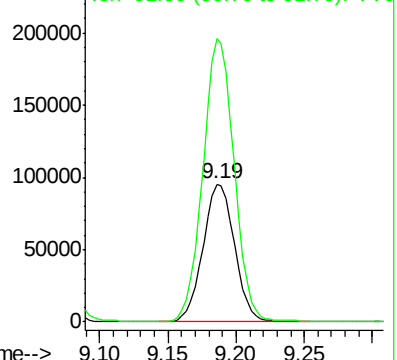
Ion Ratio Lower Upper

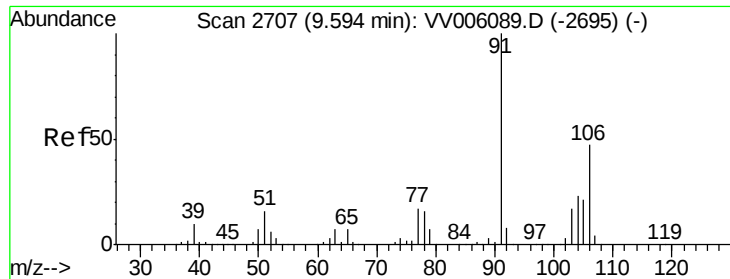
106 100

91 205.3 141.5 262.7



Abundance Ion 106.00 (105.70 to 106.70): VV006112.D (-2488) (-)





#54

o-xylene

Concen: 49.59 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. -0.00 min

Lab File: VV006112.D

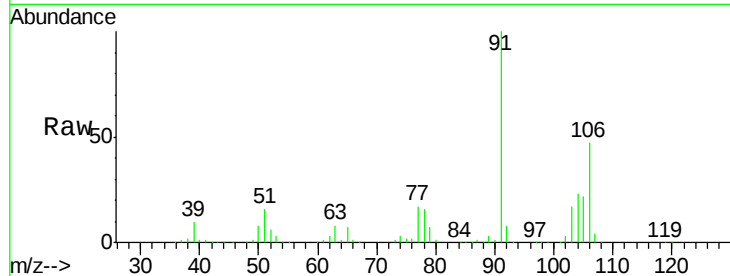
Acq: 28 May 2018 02:51

Tgt Ion:106 Resp: 153054

Ion Ratio Lower Upper

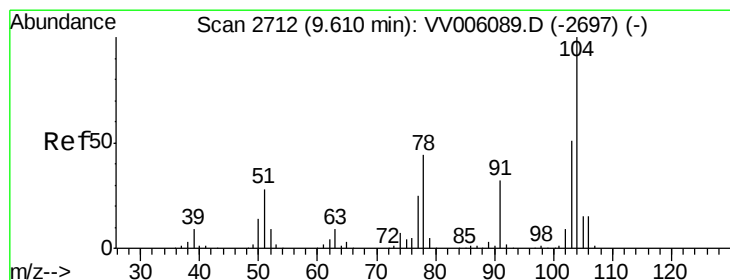
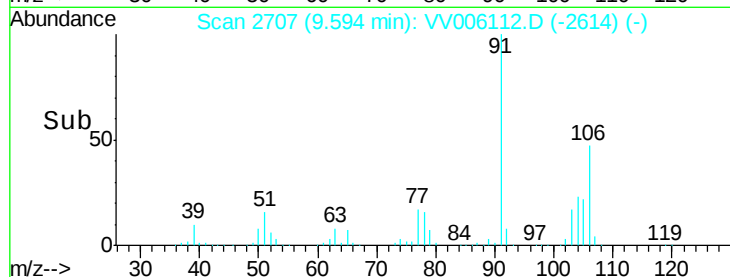
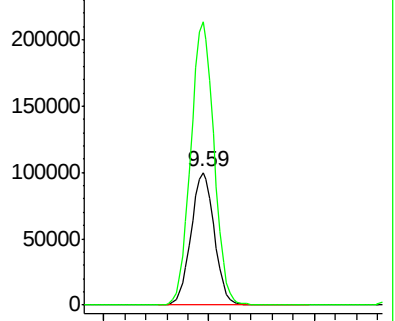
106 100

91 213.4 151.0 280.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 51.85 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. -0.00 min

Lab File: VV006112.D

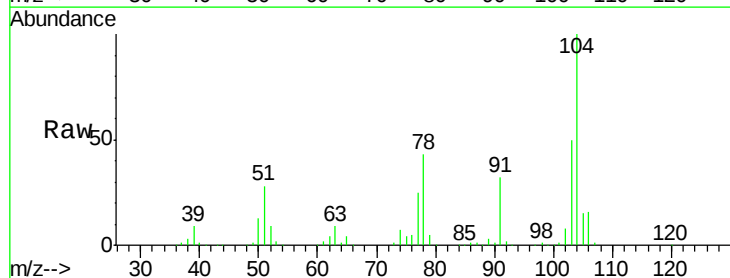
Acq: 28 May 2018 02:51

Tgt Ion:104 Resp: 268780

Ion Ratio Lower Upper

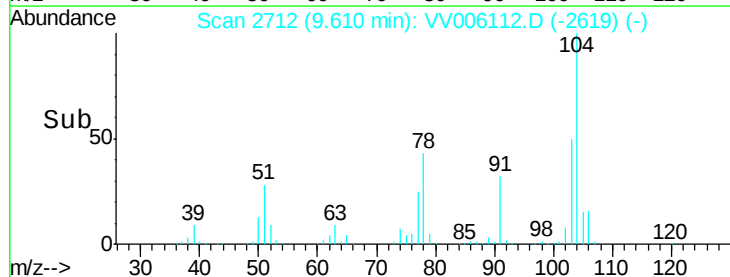
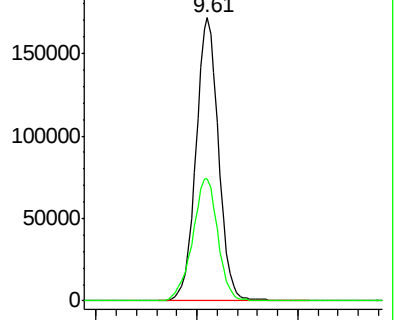
104 100

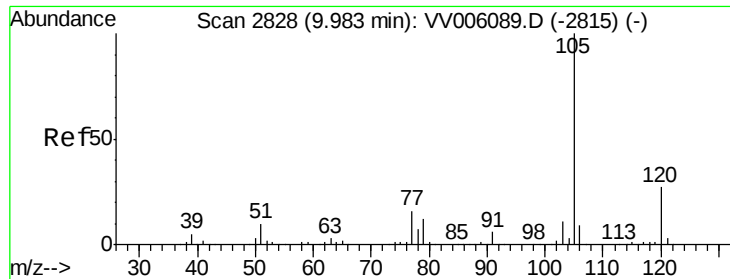
78 43.3 30.8 57.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 49.99 ug/L

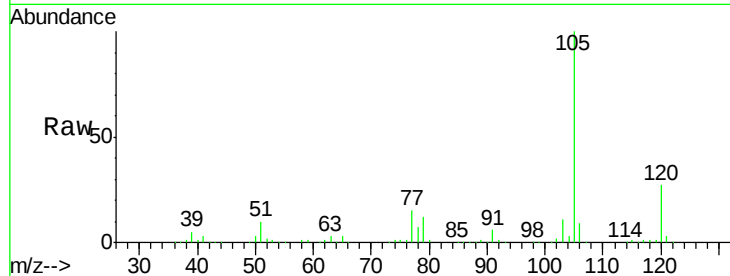
RT: 9.98 min Scan# 2828

Delta R.T. -0.00 min

Lab File: VV006112.D

Acq: 28 May 2018 02:51

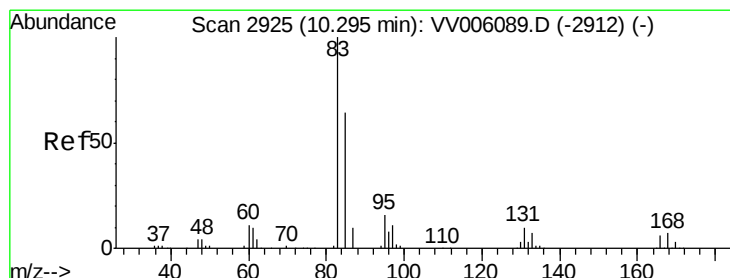
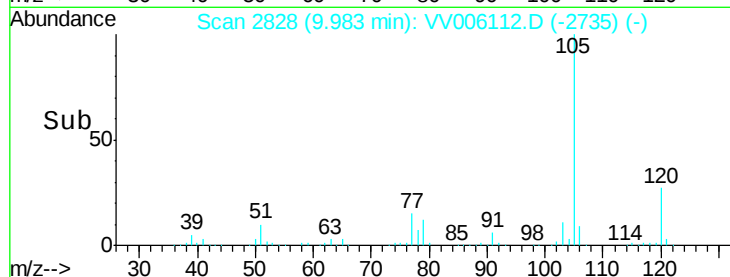
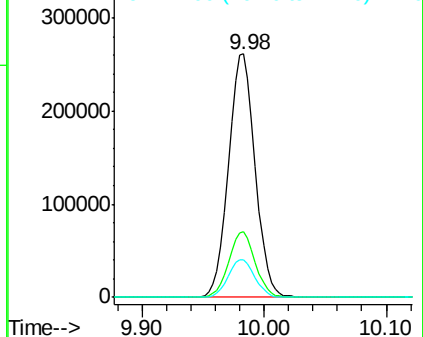
Tgt Ion:	105	Resp:	398230
Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.2	31.8
77	15.5	12.4	18.6



Abundance Ion 105.00 (104.70 to 105.70): VV006112.D (-2735) (-)

Ion 120.00 (119.70 to 120.70): VV006112.D (-2735) (-)

Ion 77.00 (76.70 to 77.70): VV006112.D (-2735) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 49.16 ug/L

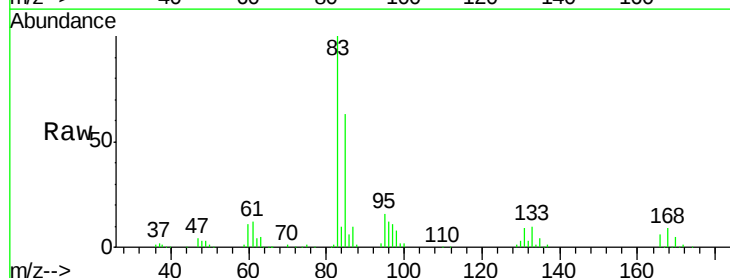
RT: 10.30 min Scan# 2925

Delta R.T. -0.00 min

Lab File: VV006112.D

Acq: 28 May 2018 02:51

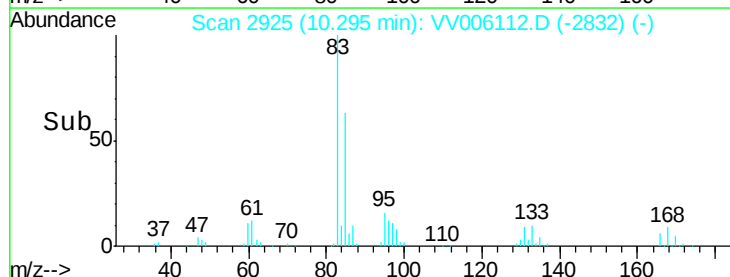
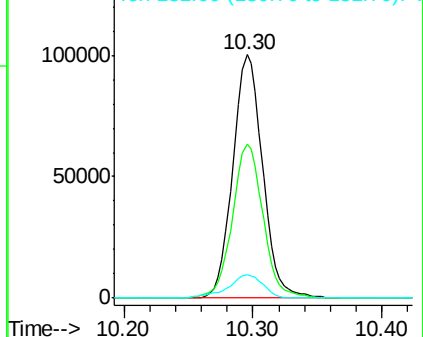
Tgt Ion:	83	Resp:	161378
Ion	Ratio	Lower	Upper
83	100		
85	63.4	44.6	82.8
131	9.5	7.9	11.9

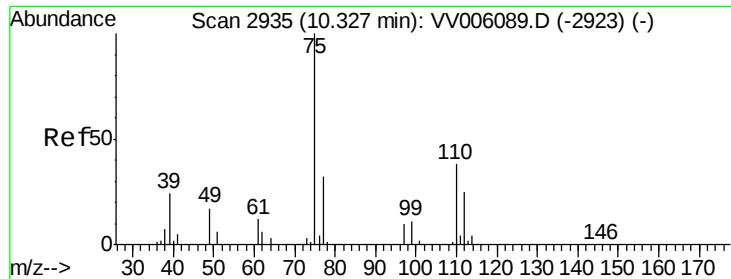


Abundance Ion 83.00 (82.70 to 83.70): VV006112.D (-2832) (-)

Ion 85.00 (84.70 to 85.70): VV006112.D (-2832) (-)

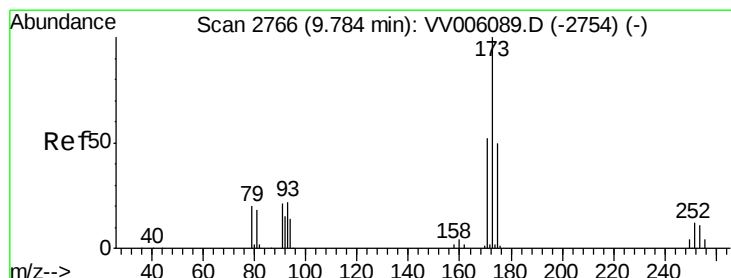
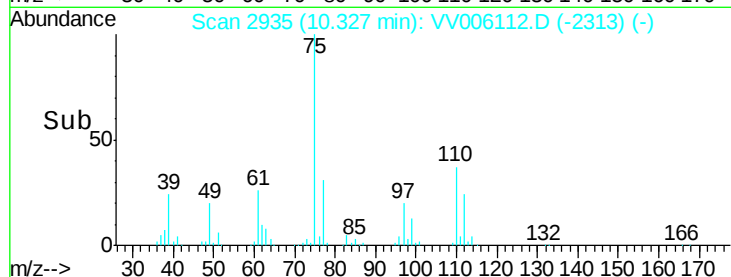
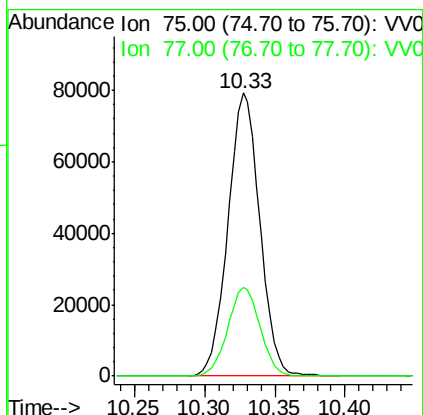
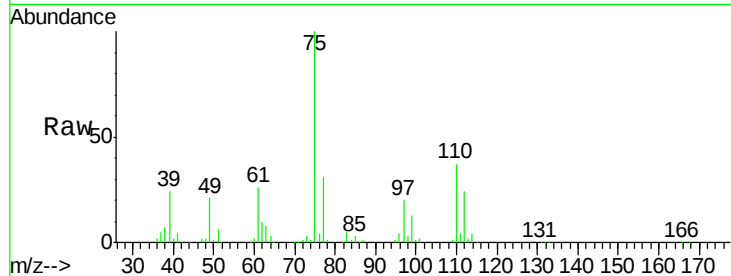
Ion 131.00 (130.70 to 131.70): VV006112.D (-2832) (-)





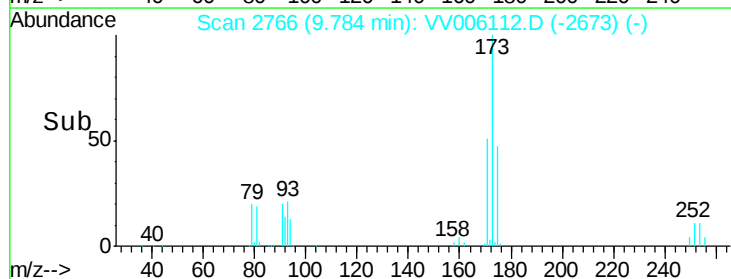
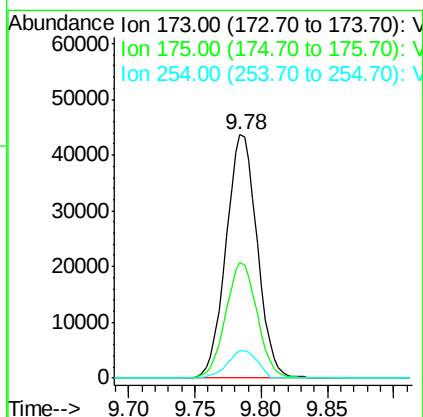
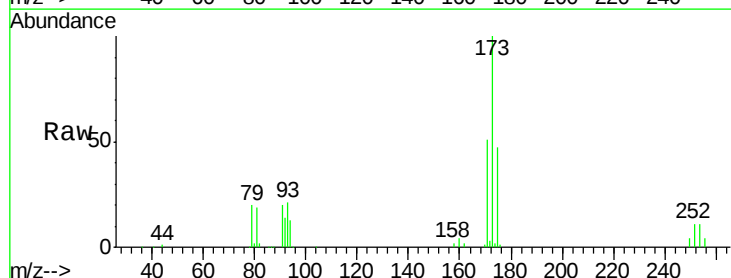
#59
 1,2,3-Trichloropropane
 Concen: 49.41 ug/L
 RT: 10.33 min Scan# 2935
 Delta R.T. -0.00 min
 Lab File: VV006112.D
 Acq: 28 May 2018 02:51

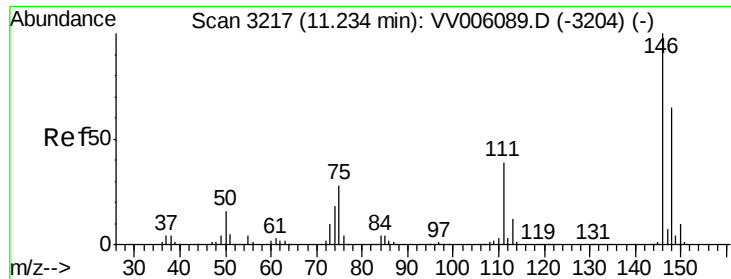
Tgt Ion: 75 Resp: 124725
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8



#61
 Bromoform
 Concen: 49.03 ug/L
 RT: 9.78 min Scan# 2766
 Delta R.T. -0.00 min
 Lab File: VV006112.D
 Acq: 28 May 2018 02:51

Tgt Ion: 173 Resp: 71296
 Ion Ratio Lower Upper
 173 100
 175 47.7 38.6 57.8
 254 10.8 8.8 13.2





#62

1,3-Dichlorobenzene

Concen: 48.41 ug/L

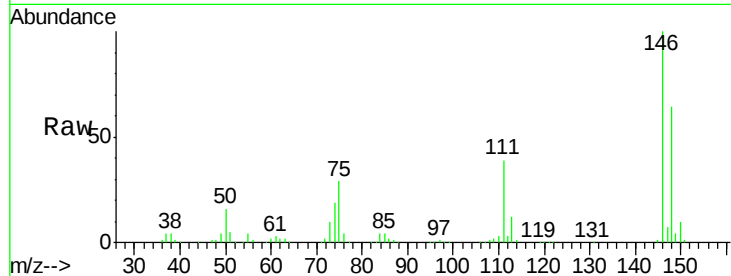
RT: 11.23 min Scan# 3217

Delta R.T. -0.00 min

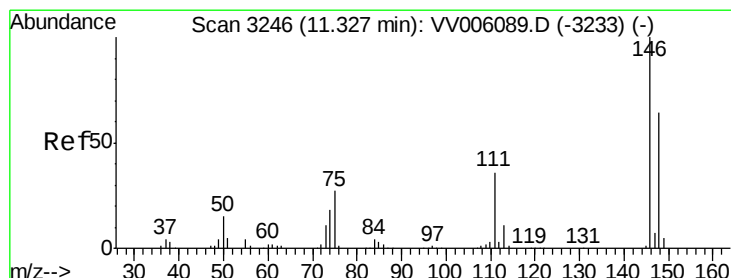
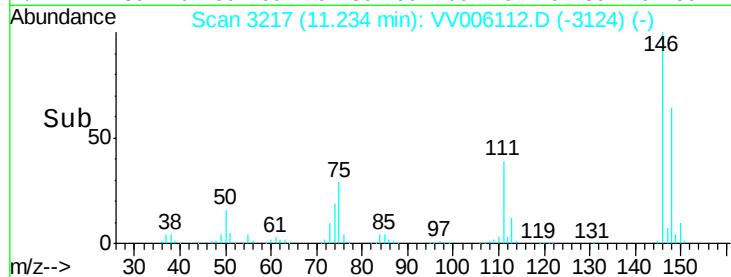
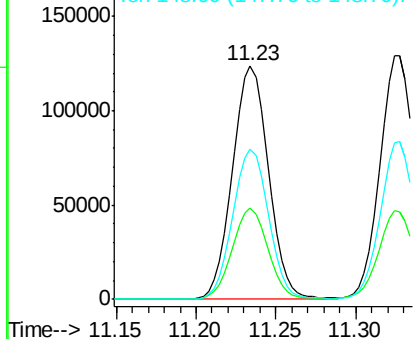
Lab File: VV006112.D

Acq: 28 May 2018 02:51

Tgt Ion:	146	Resp:	189707
Ion	Ratio	Lower	Upper
146	100		
111	38.8	26.9	49.9
148	64.0	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: 48.84 ug/L

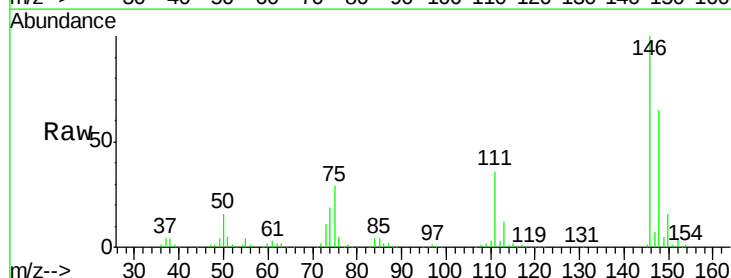
RT: 11.33 min Scan# 3246

Delta R.T. -0.00 min

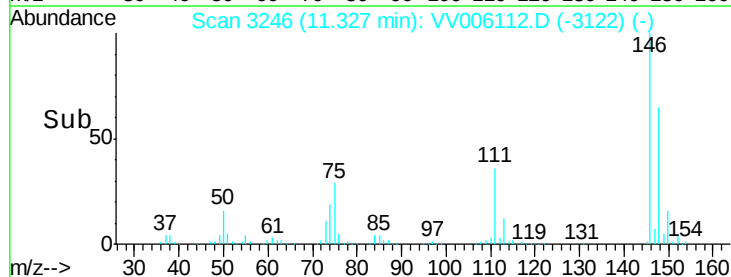
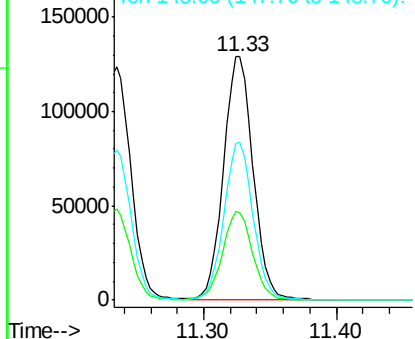
Lab File: VV006112.D

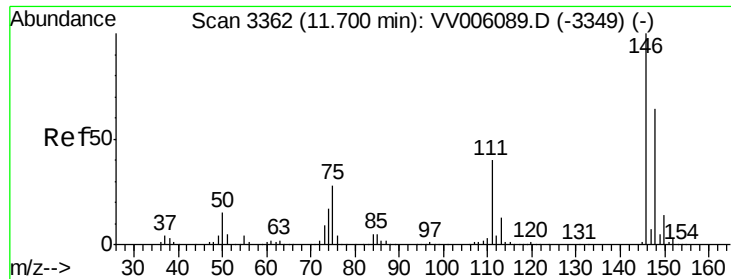
Acq: 28 May 2018 02:51

Tgt Ion:	146	Resp:	200324
Ion	Ratio	Lower	Upper
146	100		
111	36.0	26.0	48.4
148	64.8	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: 50.14 ug/L

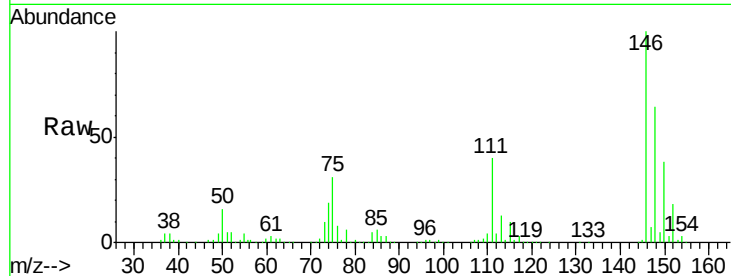
RT: 11.70 min Scan# 3361

Delta R.T. -0.00 min

Lab File: VV006112.D

Acq: 28 May 2018 02:51

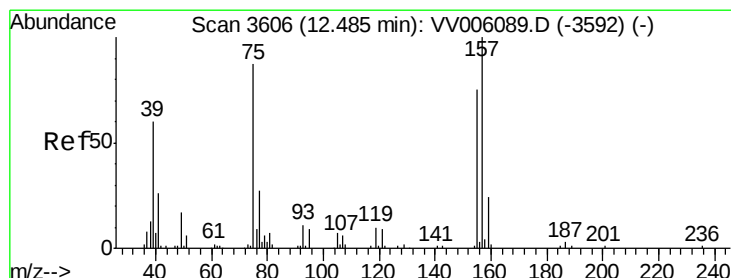
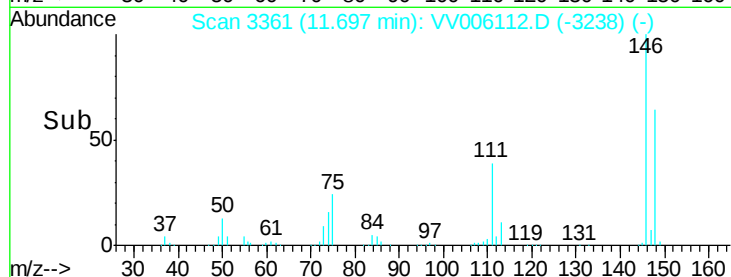
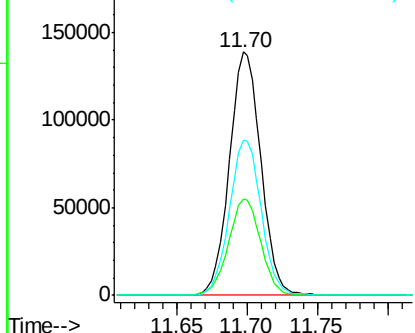
Tgt Ion:	146	Resp:	217161
Ion	Ratio	Lower	Upper
146	100		
111	39.6	31.8	47.8
148	63.8	50.6	76.0



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: 51.97 ug/L

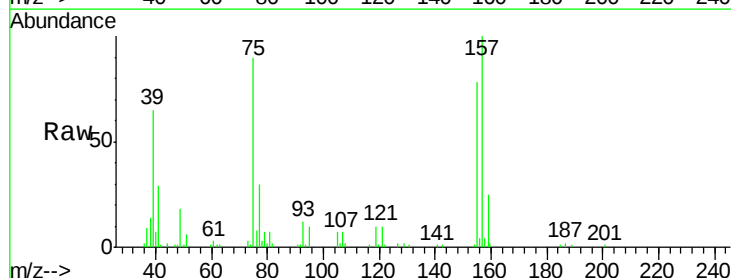
RT: 12.48 min Scan# 3606

Delta R.T. -0.00 min

Lab File: VV006112.D

Acq: 28 May 2018 02:51

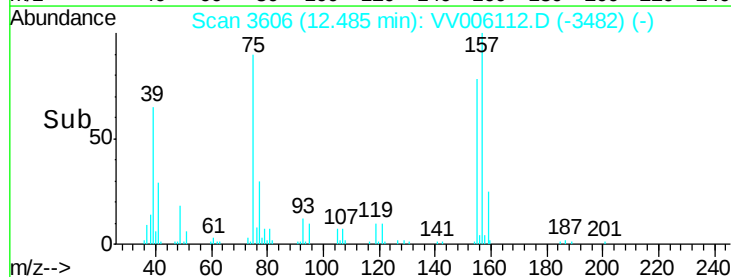
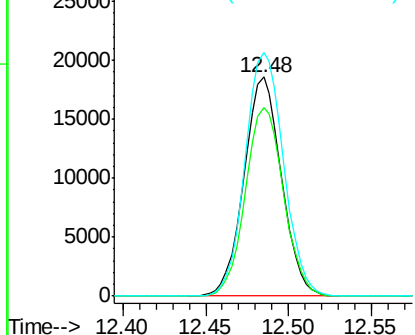
Tgt Ion:	75	Resp:	29091
Ion	Ratio	Lower	Upper
75	100		
155	86.4	75.9	113.9
157	111.3	94.6	141.8

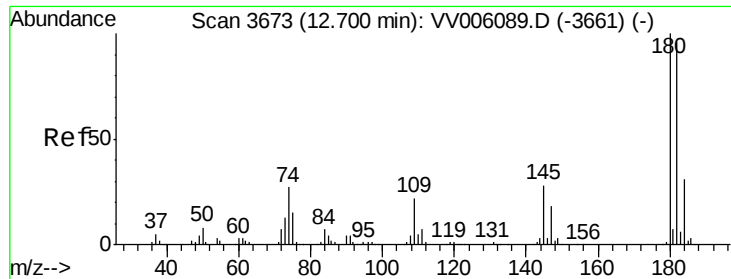


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

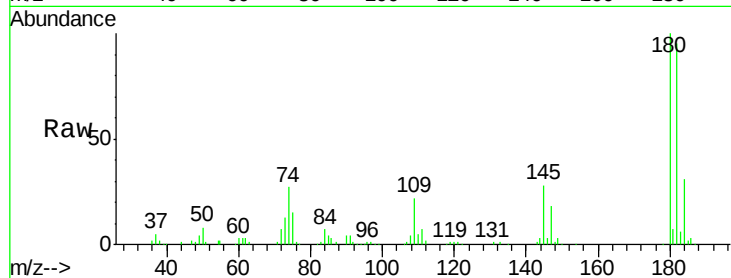
Ion 157.00 (156.70 to 157.70): V



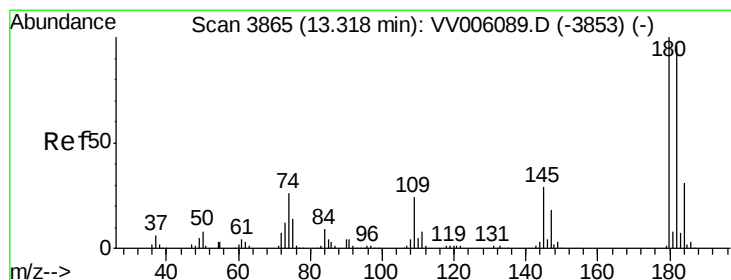
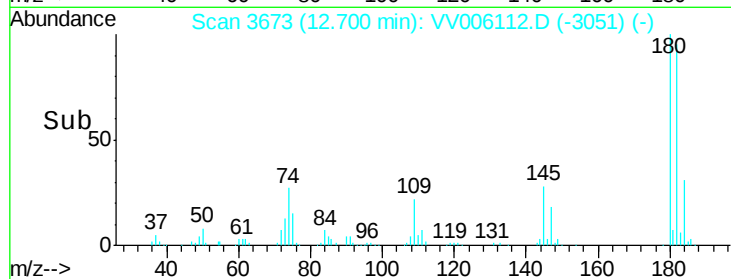
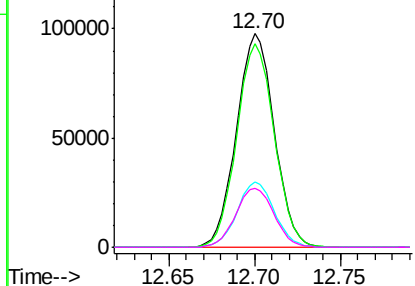


#67
 1,3,5-Trichlorobenzene
 Concen: 49.02 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. -0.00 min
 Lab File: VV006112.D
 Acq: 28 May 2018 02:51

Tgt Ion:	180	Resp:	149267
Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.0	114.0
184	30.2	24.6	37.0
145	27.9	22.5	33.7

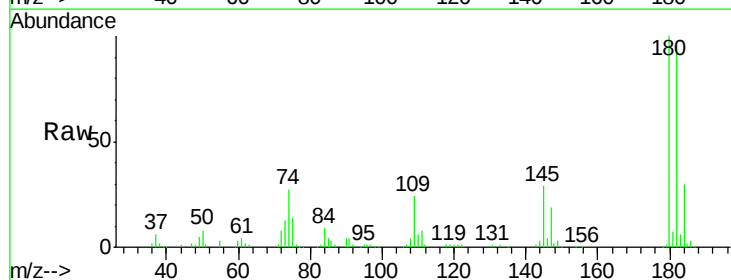


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

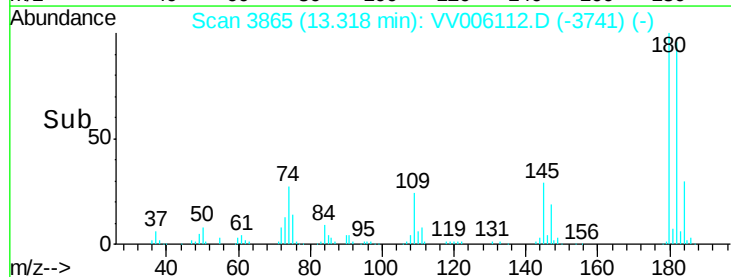
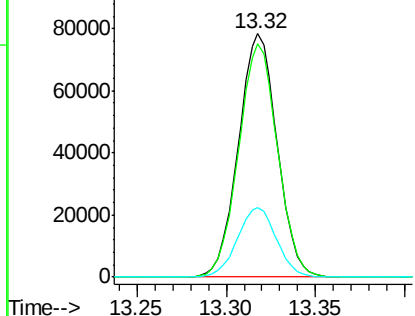


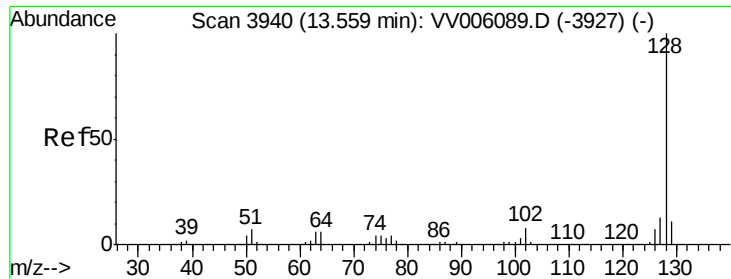
#68
 1,2,4-trichlorobenzene
 Concen: 49.11 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. -0.00 min
 Lab File: VV006112.D
 Acq: 28 May 2018 02:51

Tgt Ion:	180	Resp:	118717
Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.1	115.7
145	28.8	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: 53.61 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. -0.00 min

Lab File: VV006112.D

Acq: 28 May 2018 02:51

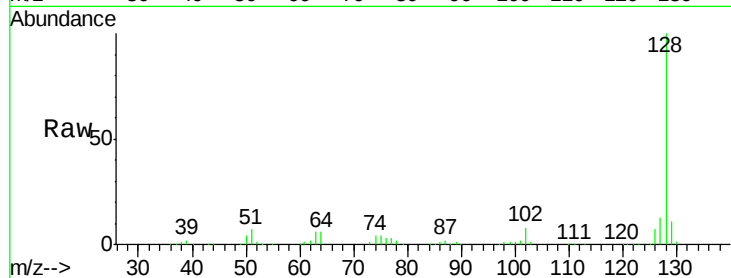
Tgt Ion:128 Resp: 337645

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

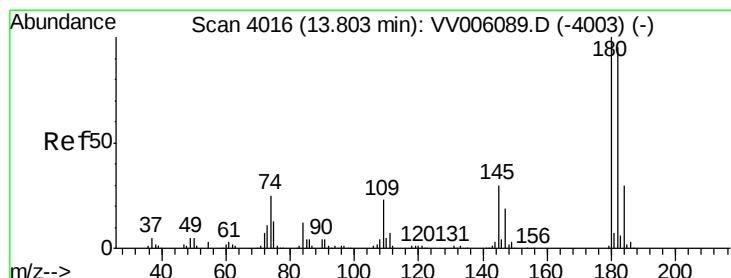
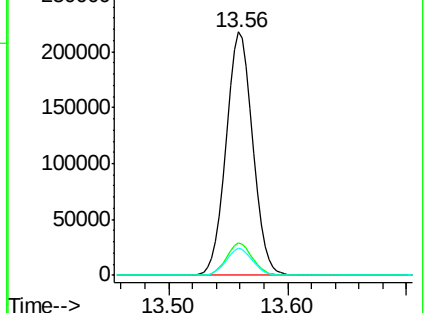
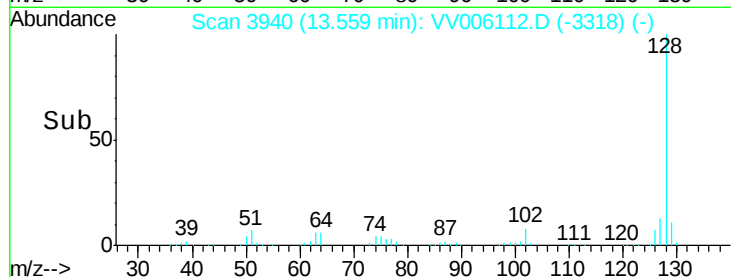
129 10.9 8.7 13.1



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



#70

1,2,3-Trichlorobenzene

Concen: 52.11 ug/L

RT: 13.80 min Scan# 4016

Delta R.T. -0.00 min

Lab File: VV006112.D

Acq: 28 May 2018 02:51

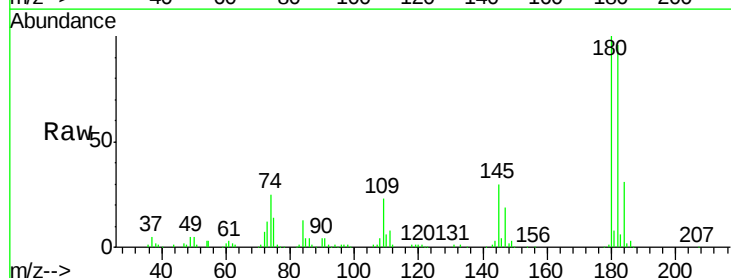
Tgt Ion:180 Resp: 134627

Ion Ratio Lower Upper

180 100

182 96.4 75.8 113.8

145 30.6 24.0 36.0



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

