

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV051518\
 Data File : VV005923.D
 Acq On : 15 May 2018 18:42
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 03:12:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 16 03:06:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	305306	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	297927	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	136353	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	115723	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.58	69	94137	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	220870	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	3.96	46	231057	50.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.36%
24) Chloroform-d	4.41	84	220130	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.09	65	113833	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.11	84	412193	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.13	67	126486	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.37	98	406587	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
43) trans-1,3-Dichloropropene-	7.67	79	46677	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.14	63	163652	42.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.50%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	87719	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	133335	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	133501	4.44	ug/L	# 89
3) Chloromethane	1.26	50	114033	4.07	ug/L	99
5) Vinyl chloride	1.32	62	124143	4.16	ug/L	99
6) Bromomethane	1.54	94	34635	2.60	ug/L	96
8) Chloroethane	1.60	64	77441	4.35	ug/L	97
9) Trichlorofluoromethane	1.77	101	177317	4.05	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	101531	4.24	ug/L	97
12) 1,1-Dichloroethene	2.14	96	91177	4.18	ug/L	86
13) Acetone	2.20	43	153435	39.75	ug/L	98
14) Carbon disulfide	2.32	76	246981	3.44	ug/L	100
15) Methyl Acetate	2.47	43	41790	4.13	ug/L	98
16) Methylene chloride	2.54	84	101782	4.20	ug/L	97
17) Methyl tert-butyl Ether	2.82	73	230621	4.24	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	99185	4.13	ug/L	98
19) 1,1-Dichloroethane	3.23	63	200168	4.29	ug/L	99
21) 2-Butanone	4.04	43	247277	47.14	ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	112367	4.77	ug/L	98

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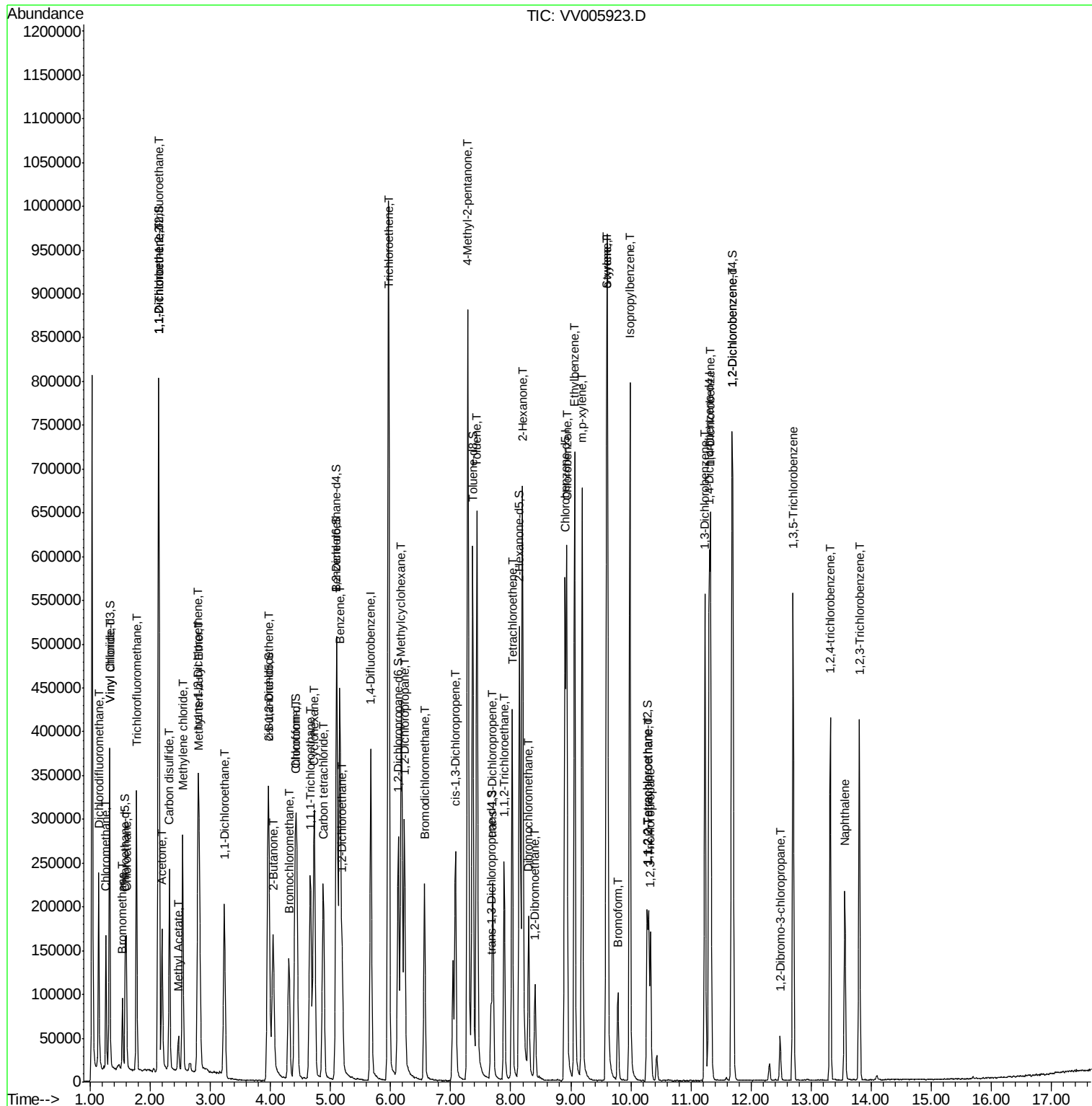
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

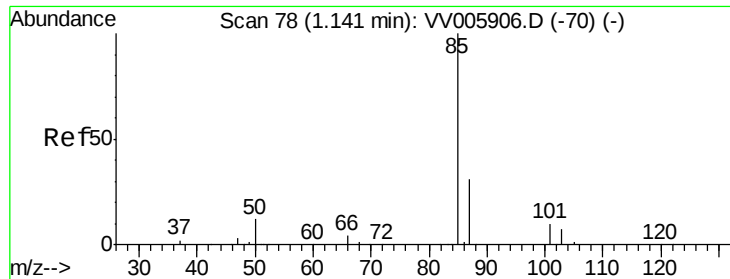
23) Bromochloromethane	4.31	128	45715	4.62	ug/L	95
25) Chloroform	4.44	83	215548	4.41	ug/L	98
27) 1,2-Dichloroethane	5.19	62	130081	4.41	ug/L	97
29) 1,1,1-Trichloroethane	4.67	97	186721	4.82	ug/L	98
30) Cyclohexane	4.73	56	148270	4.50	ug/L	99
31) Carbon tetrachloride	4.88	117	165045	4.74	ug/L	99
33) Benzene	5.15	78	425340	4.91	ug/L	100
34) Trichloroethene	5.97	95	354703	14.38	ug/L	98
35) Methylcyclohexane	6.18	83	160264	4.61	ug/L	98
37) 1,2-Dichloropropane	6.23	63	109051	5.08	ug/L	99
38) Bromodichloromethane	6.57	83	145454	4.83	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	146467	4.72	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	618179	46.50	ug/L	98
42) Toluene	7.44	91	469301	4.94	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	119677	4.63	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	77644	4.86	ug/L	97
47) Tetrachloroethene	8.03	164	89713	5.19	ug/L	99
48) 2-Hexanone	8.20	43	453778	46.22	ug/L	99
49) Dibromochloromethane	8.30	129	90220	4.86	ug/L	98
50) 1,2-Dibromoethane	8.40	107	67953	4.59	ug/L	95
51) Chlorobenzene	8.93	112	300878	4.83	ug/L	99
52) Ethylbenzene	9.06	91	493859	4.80	ug/L	96
53) m,p-xylene	9.19	106	183239	4.88	ug/L	96
54) o-xylene	9.59	106	180463	4.99	ug/L	97
55) Styrene	9.61	104	314079	5.20	ug/L	99
56) Isopropylbenzene	9.98	105	496729	5.10	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.30	83	85464	4.83	ug/L	98
59) 1,2,3-Trichloropropane	10.33	75	66977	4.70	ug/L	99
61) Bromoform	9.78	173	42959	4.84	ug/L #	96
62) 1,3-Dichlorobenzene	11.23	146	213614	4.82	ug/L	99
63) 1,4-Dichlorobenzene	11.33	146	219902	4.76	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	212013	4.87	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	13140	4.55	ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	154475	4.79	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	116919	4.86	ug/L	96
69) Naphthalene	13.56	128	165193	4.30	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	110523	4.81	ug/L	98

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

```
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#2

Dichlorodifluoromethane

Concen: 4.44 ug/L

RT: 1.14 min Scan# 78

Delta R.T. -0.00 min

Lab File: VV005923.D

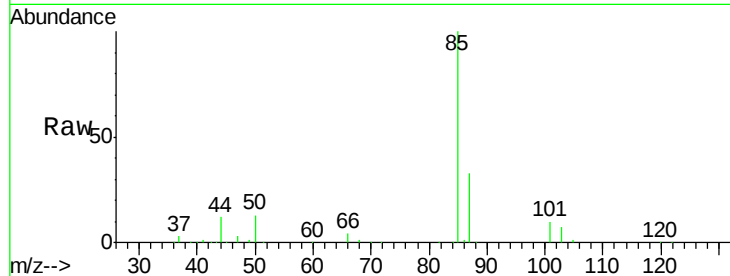
Acq: 15 May 2018 18:42

Tgt Ion: 85 Resp: 133501

Ion Ratio Lower Upper

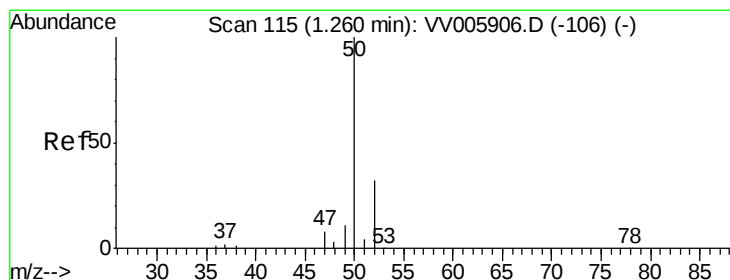
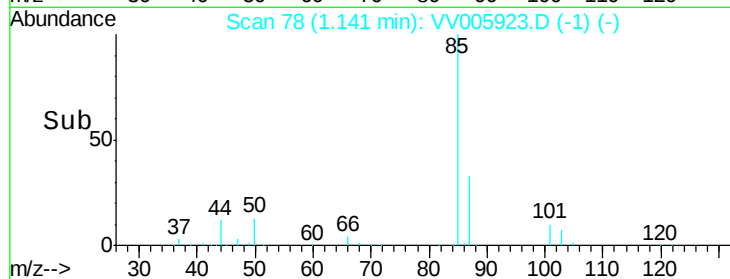
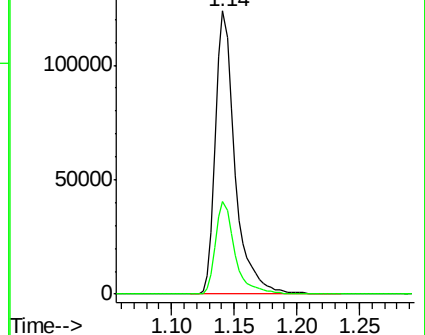
85 100

87 32.5 21.6 32.4#



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 4.07 ug/L

RT: 1.26 min Scan# 115

Delta R.T. -0.00 min

Lab File: VV005923.D

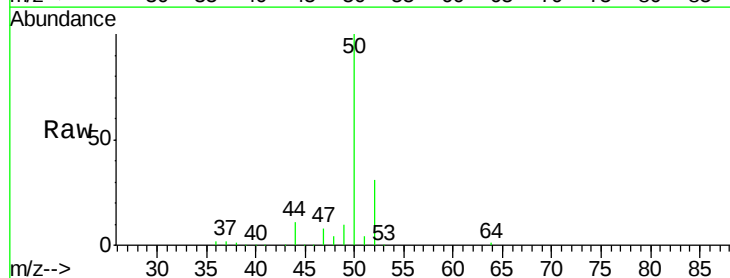
Acq: 15 May 2018 18:42

Tgt Ion: 50 Resp: 114033

Ion Ratio Lower Upper

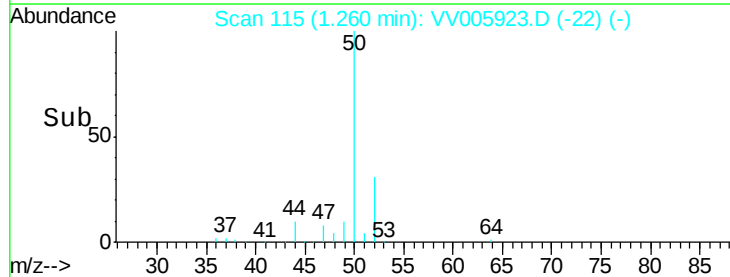
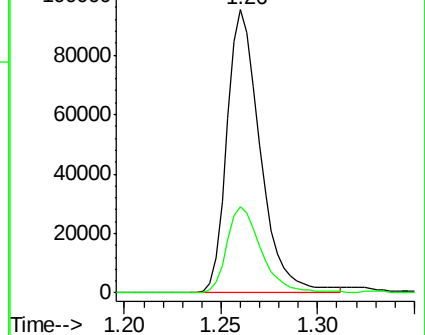
50 100

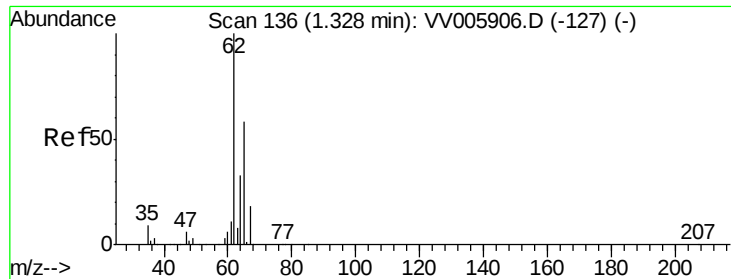
52 30.7 21.8 40.6



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0





#5

Vinyl chloride

Concen: 4.16 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV005923.D

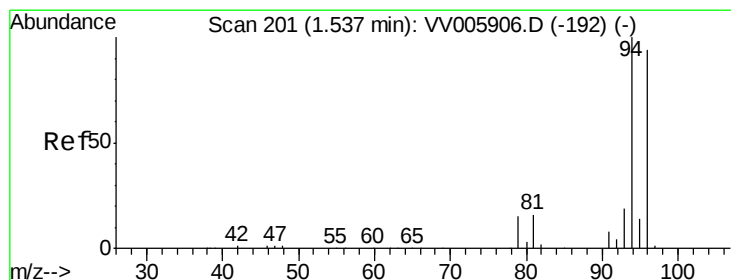
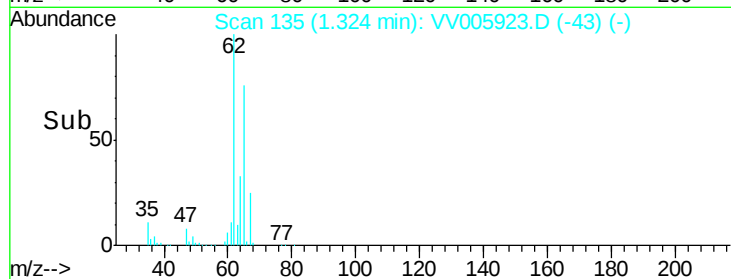
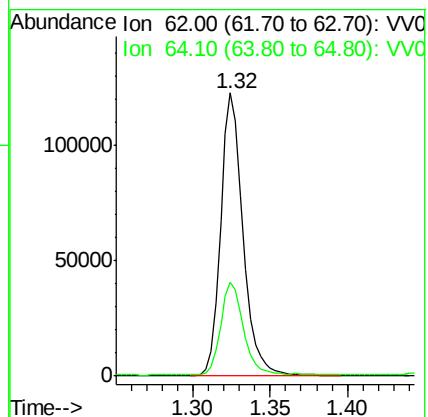
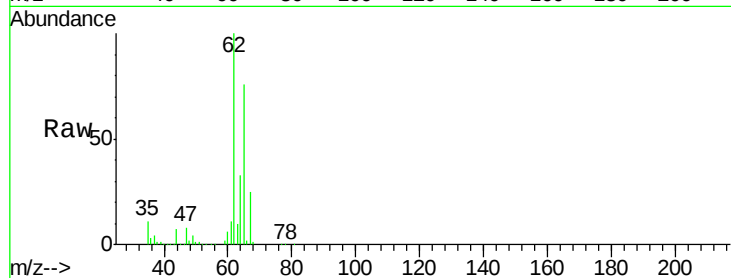
Acq: 15 May 2018 18:42

Tgt Ion: 62 Resp: 124143

Ion Ratio Lower Upper

62 100

64 33.3 23.1 42.9



#6

Bromomethane

Concen: 2.60 ug/L

RT: 1.54 min Scan# 201

Delta R.T. -0.00 min

Lab File: VV005923.D

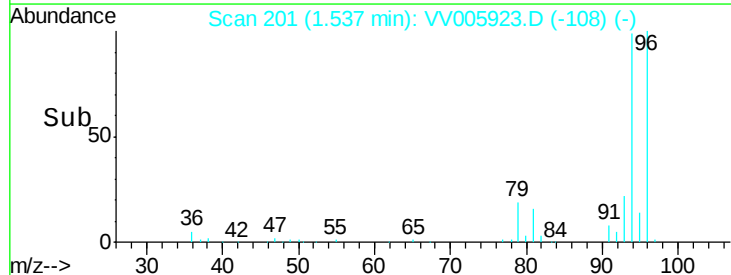
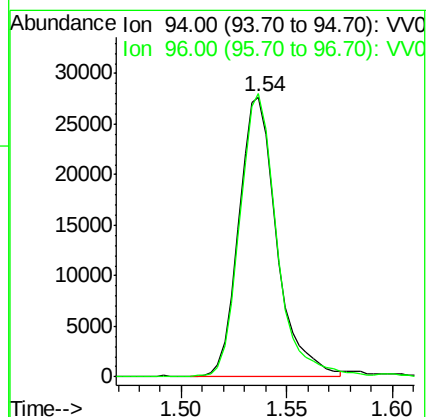
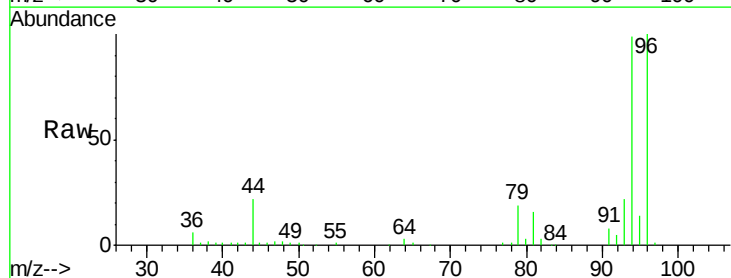
Acq: 15 May 2018 18:42

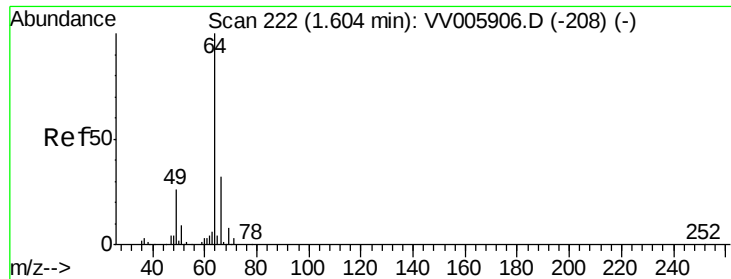
Tgt Ion: 94 Resp: 34635

Ion Ratio Lower Upper

94 100

96 101.1 68.0 126.2





#8

Chloroethane

Concen: 4.35 ug/L

RT: 1.60 min Scan# 221

Delta R.T. -0.00 min

Lab File: VV005923.D

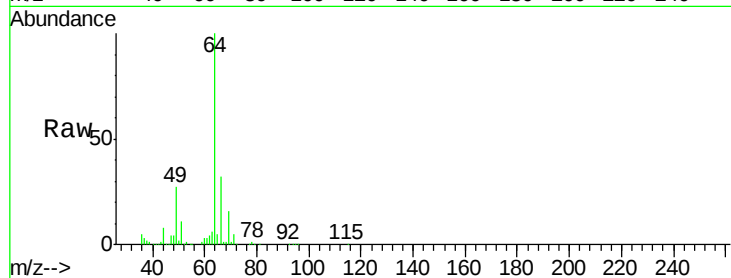
Acq: 15 May 2018 18:42

Tgt Ion: 64 Resp: 77441

Ion Ratio Lower Upper

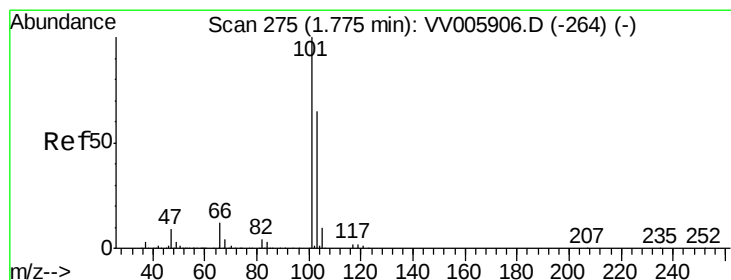
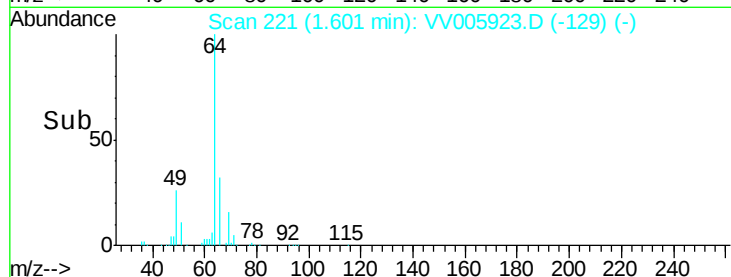
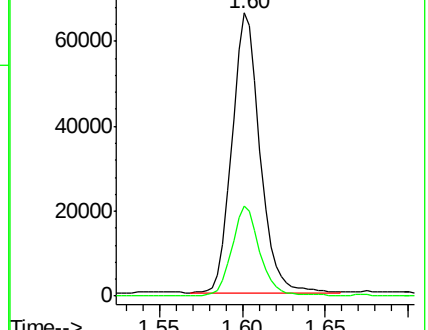
64 100

66 32.0 23.5 43.7



Abundance Ion 64.10 (63.80 to 64.80): VV005906.D (-208) (-)

Ion 66.05 (65.75 to 66.75): VV005906.D (-208) (-)



#9

Trichlorofluoromethane

Concen: 4.05 ug/L

RT: 1.77 min Scan# 274

Delta R.T. -0.00 min

Lab File: VV005923.D

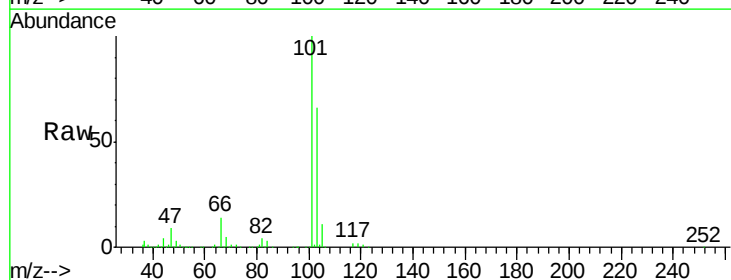
Acq: 15 May 2018 18:42

Tgt Ion: 101 Resp: 177317

Ion Ratio Lower Upper

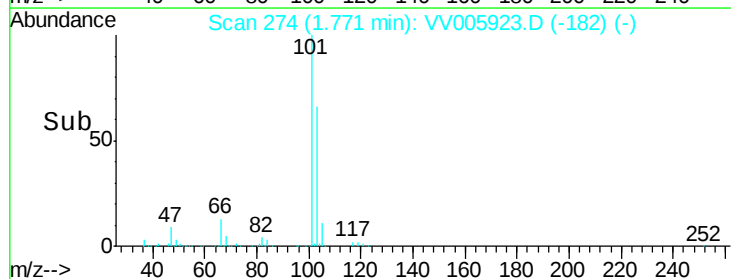
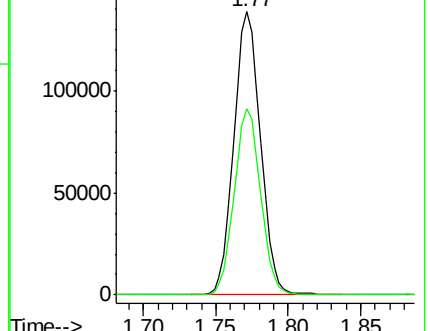
101 100

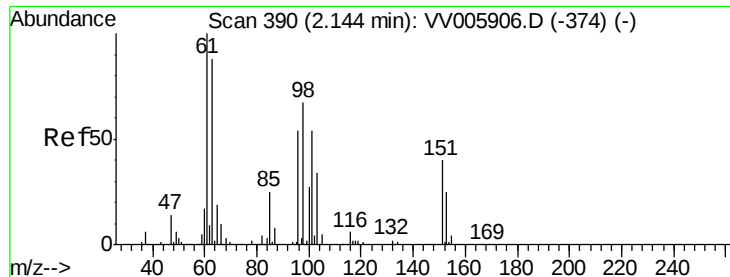
103 64.8 51.2 76.8



Abundance Ion 101.00 (100.70 to 101.70): VV005906.D (-264) (-)

Ion 103.00 (102.70 to 103.70): VV005906.D (-264) (-)





#10

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

Concen: 4.24 ug/L

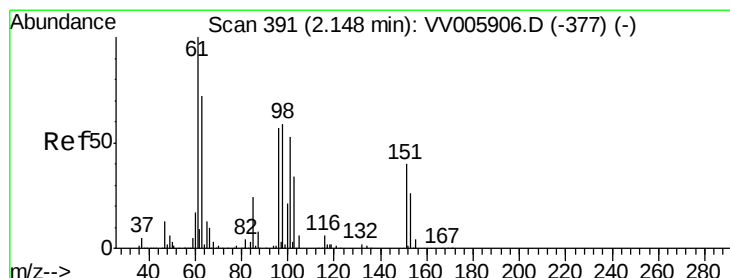
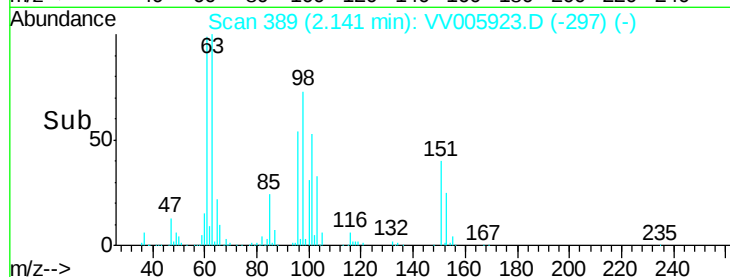
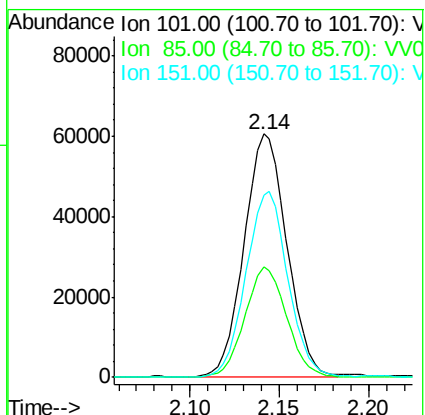
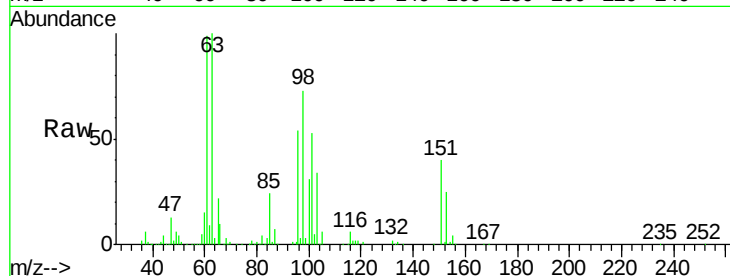
RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV005923.D

Acq: 15 May 2018 18:42

Tgt Ion:	101	Resp:	101531
Ion	Ratio	Lower	Upper
101	100		
85	44.4	37.8	56.8
151	74.9	58.9	88.3



#12

1,1-Dichloroethene

Concen: 4.18 ug/L

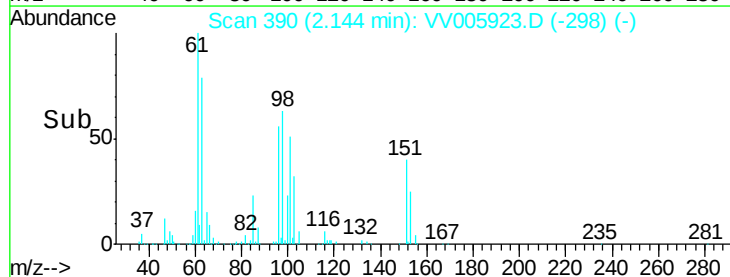
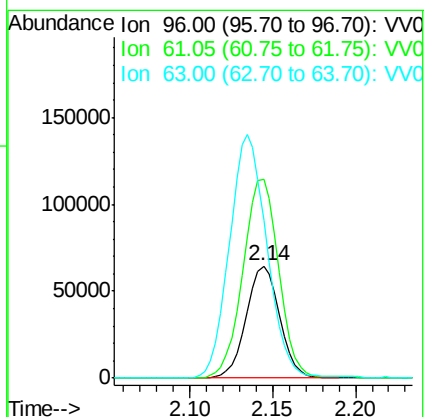
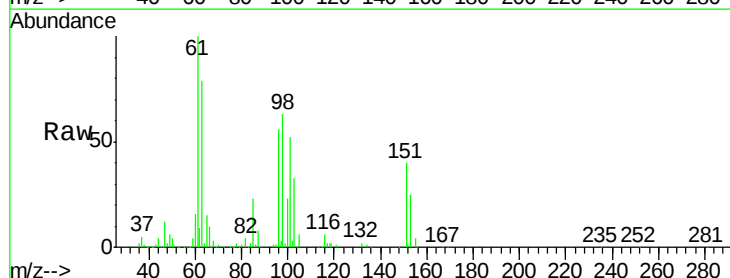
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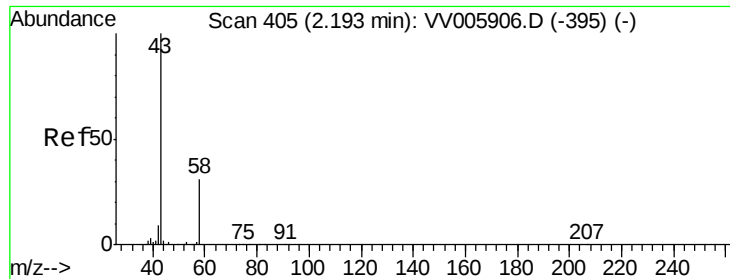
Delta R.T. -0.00 min

Lab File: VV005923.D

Acq: 15 May 2018 18:42

Tgt Ion:	96	Resp:	91177
Ion	Ratio	Lower	Upper
96	100		
61	177.9	135.9	252.5
63	140.5	115.5	214.5





#13

Acetone

Concen: 39.75 ug/L

RT: 2.20 min Scan# 406

Delta R.T. 0.00 min

Lab File: VV005923.D

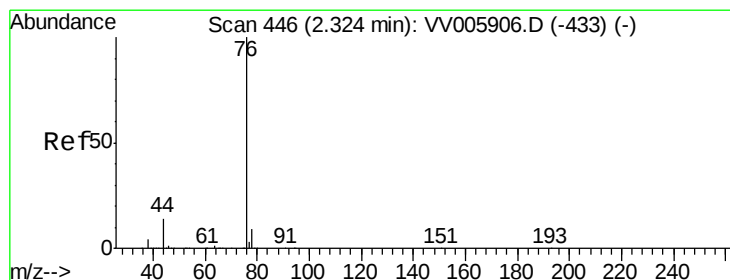
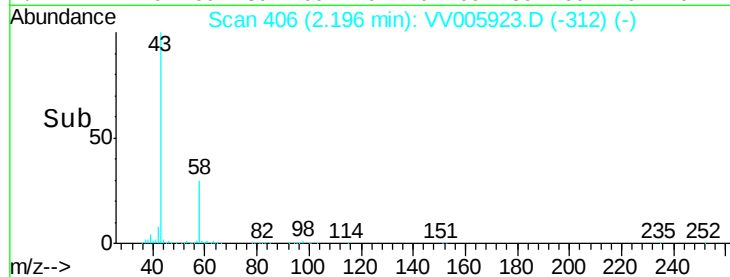
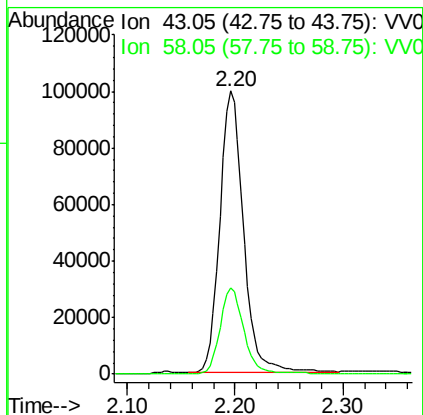
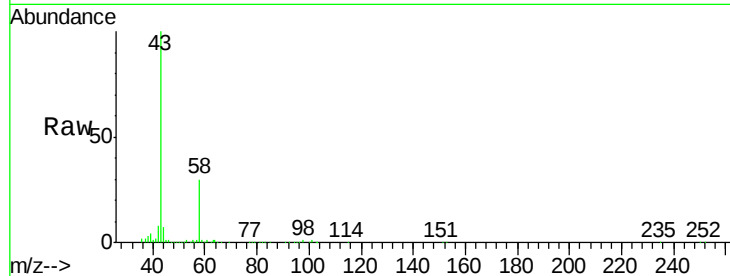
Acq: 15 May 2018 18:42

Tgt Ion: 43 Resp: 153435

Ion Ratio Lower Upper

43 100

58 29.7 0.0 57.8



#14

Carbon disulfide

Concen: 3.44 ug/L

RT: 2.32 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV005923.D

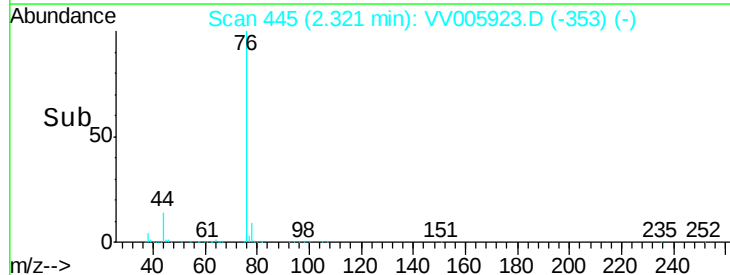
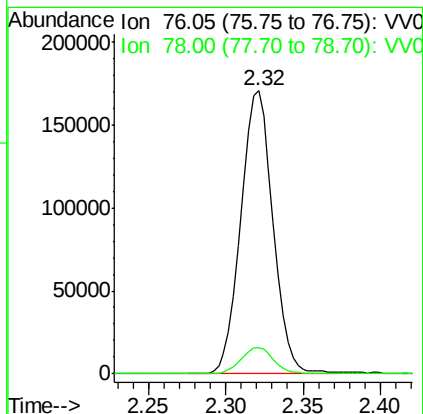
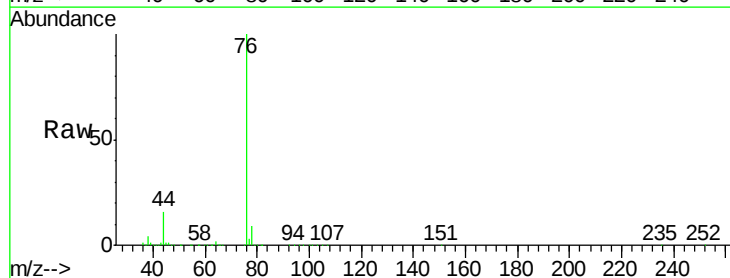
Acq: 15 May 2018 18:42

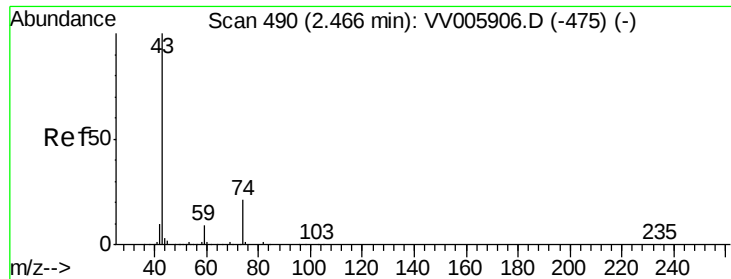
Tgt Ion: 76 Resp: 246981

Ion Ratio Lower Upper

76 100

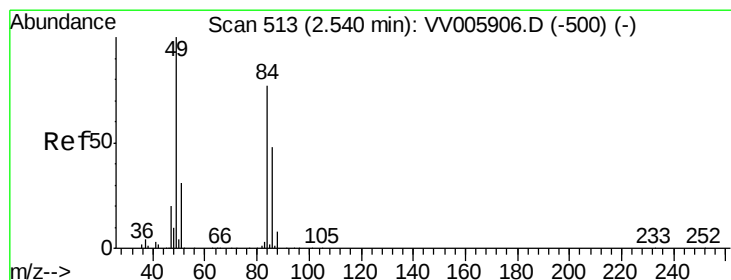
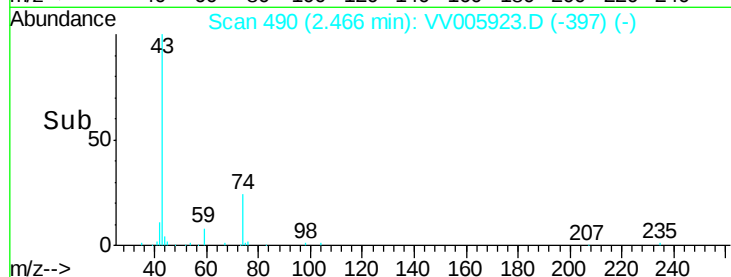
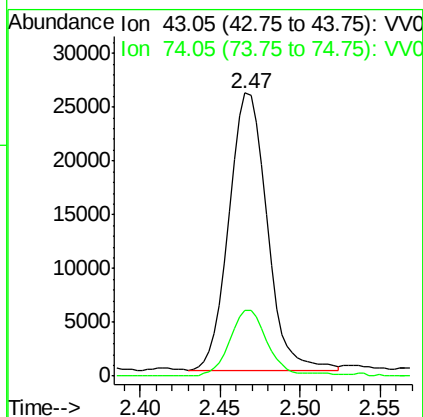
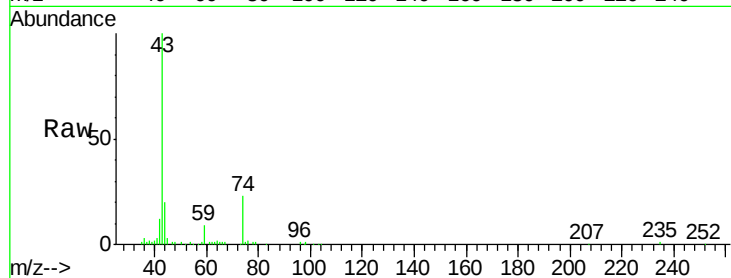
78 9.4 7.4 11.0





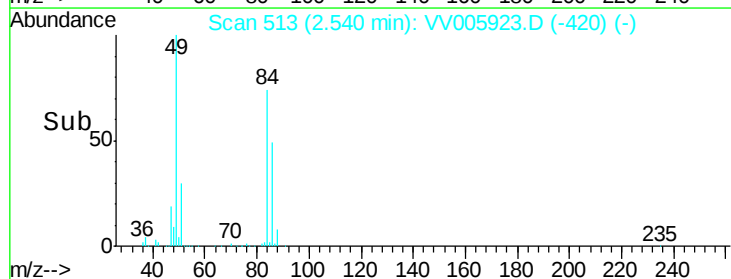
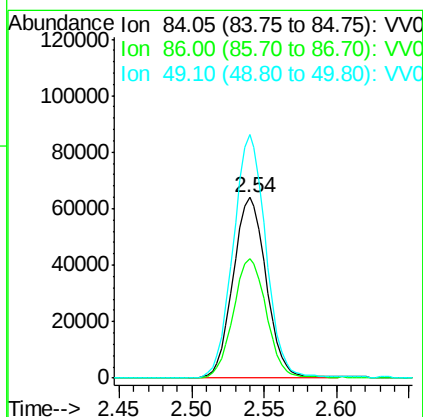
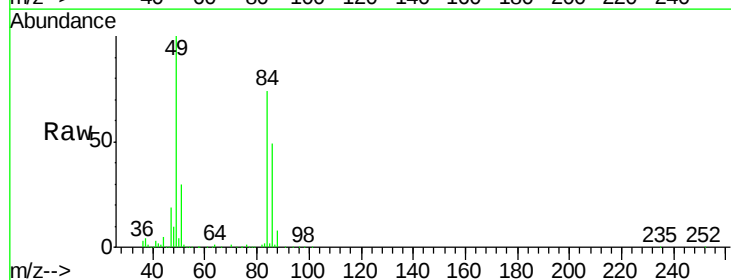
#15
Methyl Acetate
Concen: 4.13 ug/L
RT: 2.47 min Scan# 490
Delta R.T. -0.00 min
Lab File: VV005923.D
Acq: 15 May 2018 18:42

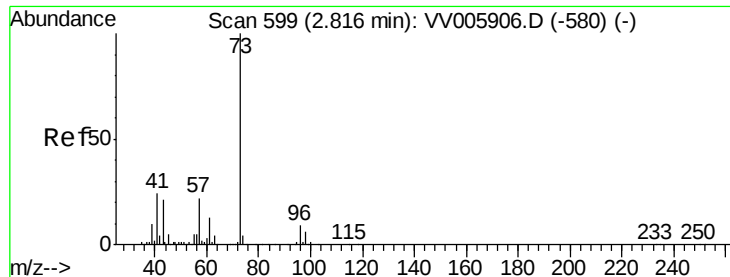
Tgt Ion: 43 Resp: 41790
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.0



#16
Methylene chloride
Concen: 4.20 ug/L
RT: 2.54 min Scan# 513
Delta R.T. -0.00 min
Lab File: VV005923.D
Acq: 15 May 2018 18:42

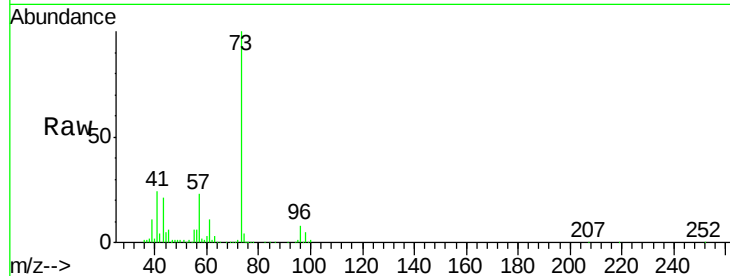
Tgt Ion: 84 Resp: 101782
Ion Ratio Lower Upper
84 100
86 66.1 44.3 82.3
49 134.8 96.5 179.1



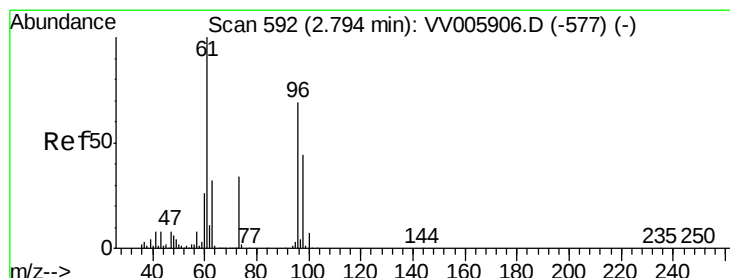
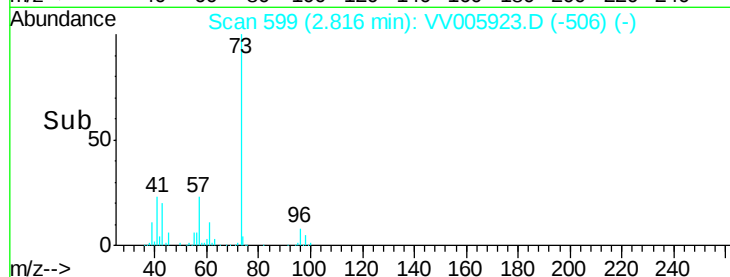
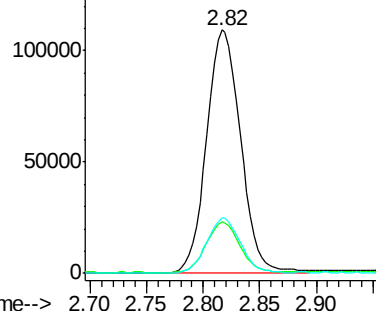


#17
Methyl tert-butyl Ether
Concen: 4.24 ug/L
RT: 2.82 min Scan# 599
Delta R.T. -0.00 min
Lab File: VV005923.D
Acq: 15 May 2018 18:42

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.6	17.0	25.4
57	22.3	18.5	27.7

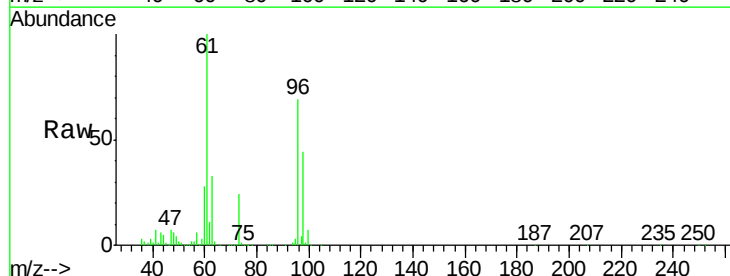


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

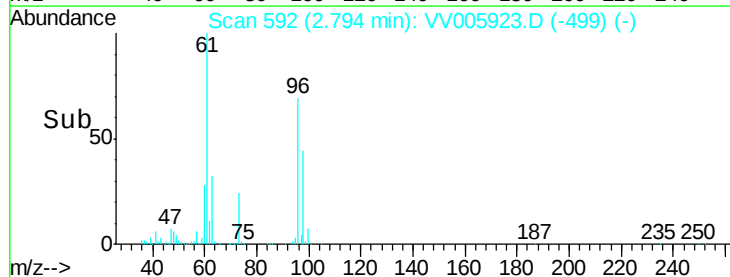
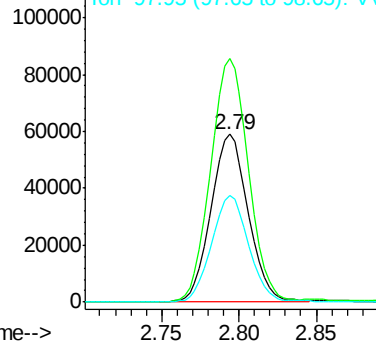


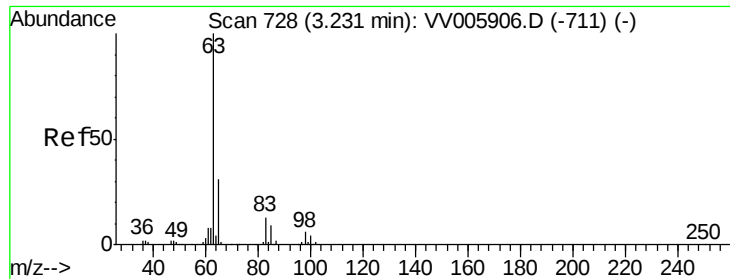
#18
trans-1,2-Dichloroethene
Concen: 4.13 ug/L
RT: 2.79 min Scan# 592
Delta R.T. -0.00 min
Lab File: VV005923.D
Acq: 15 May 2018 18:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.2	104.7	194.4
98	63.8	44.8	83.2



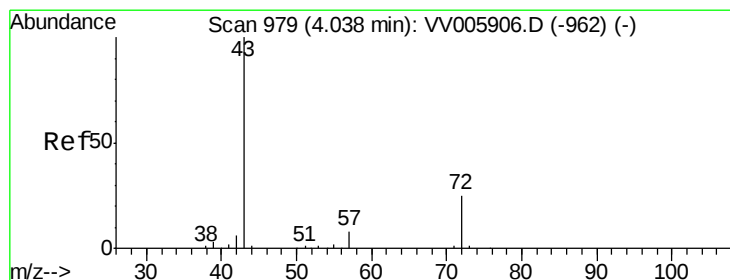
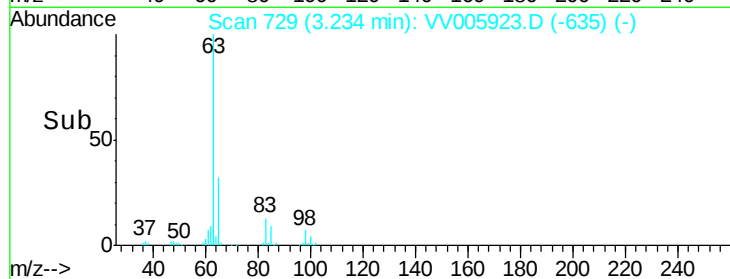
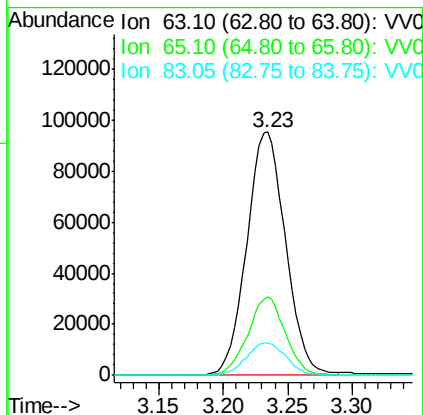
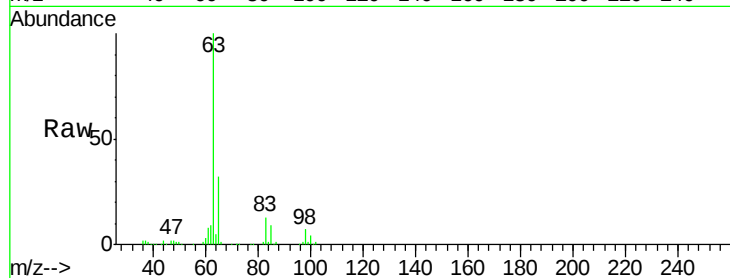
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0





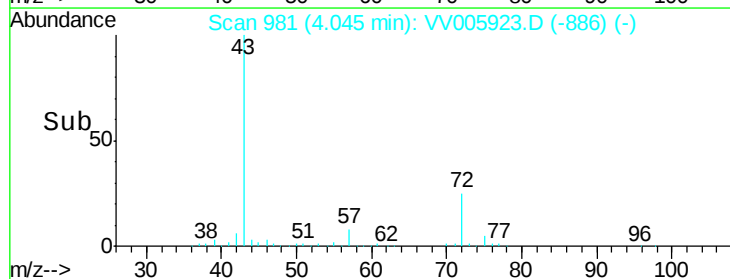
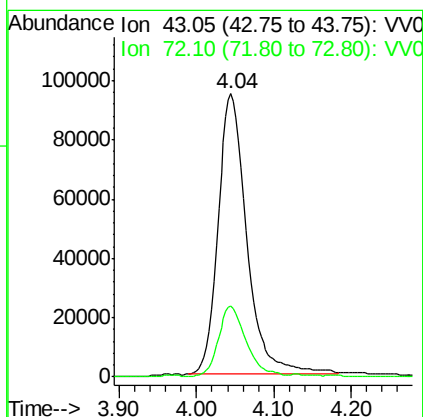
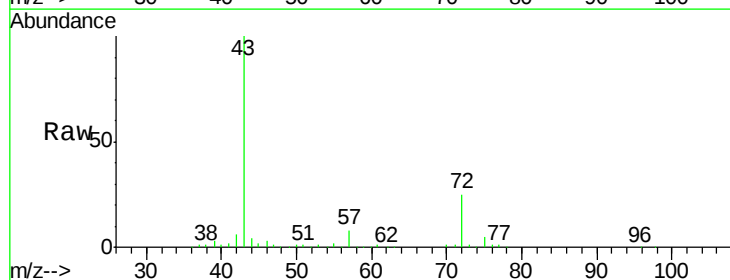
#19
 1,1-Dichloroethane
 Concen: 4.29 ug/L
 RT: 3.23 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VV005923.D
 Acq: 15 May 2018 18:42

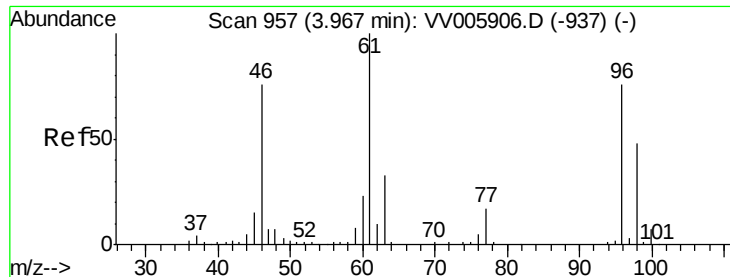
Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.0	40.8
83	13.5	9.2	17.0



#21
 2-Butanone
 Concen: 47.14 ug/L
 RT: 4.04 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VV005923.D
 Acq: 15 May 2018 18:42

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.5	13.2	39.5

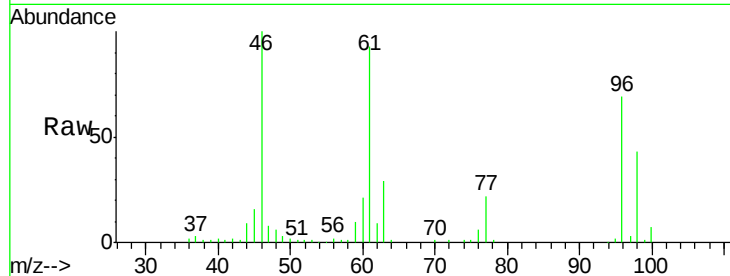




#22

cis-1,2-Dichloroethene
 Concen: 4.77 ug/L
 RT: 3.97 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: VV005923.D
 Acq: 15 May 2018 18:42

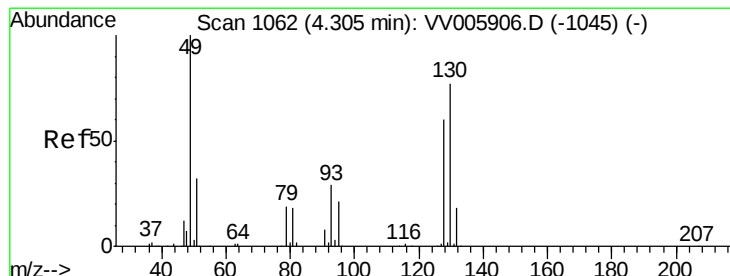
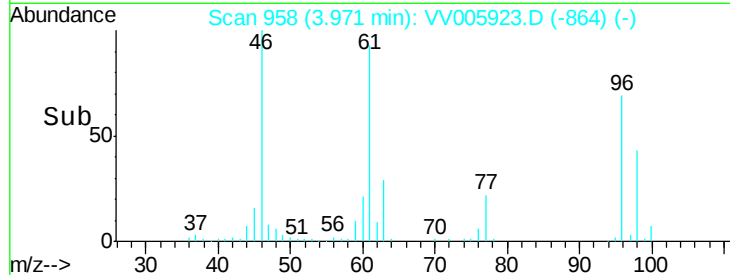
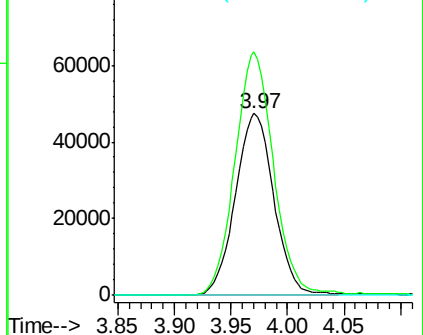
Tgt Ion	Ratio	Lower	Upper
96	100		
61	134.0	91.8	170.6
68	0.0	0.0	0.0



Abundance Ion 96.00 (95.70 to 96.70): VV005923.D (-937) (-)

Ion 61.05 (60.75 to 61.75): VV005923.D (-937) (-)

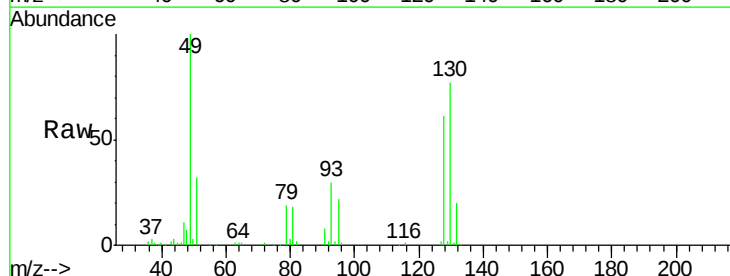
Ion 68.15 (67.85 to 68.85): VV005923.D (-937) (-)



#23

Bromochloromethane
 Concen: 4.62 ug/L
 RT: 4.31 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VV005923.D
 Acq: 15 May 2018 18:42

Tgt Ion	Ratio	Lower	Upper
128	100		
49	164.4	121.7	225.9
130	126.4	93.2	173.0
51	53.2	42.1	63.1

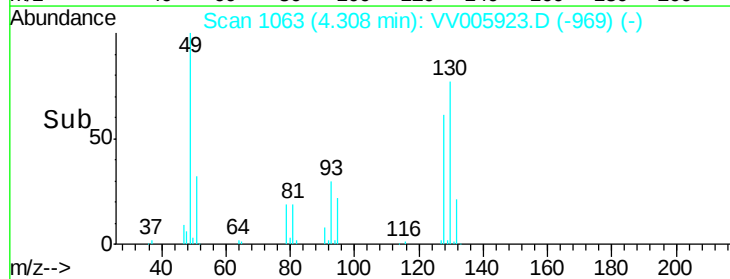
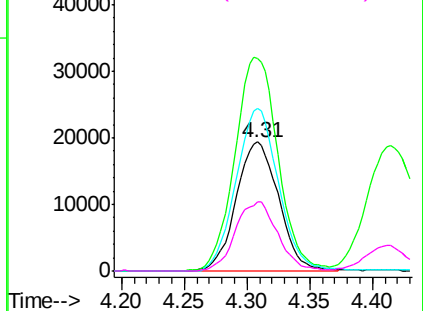


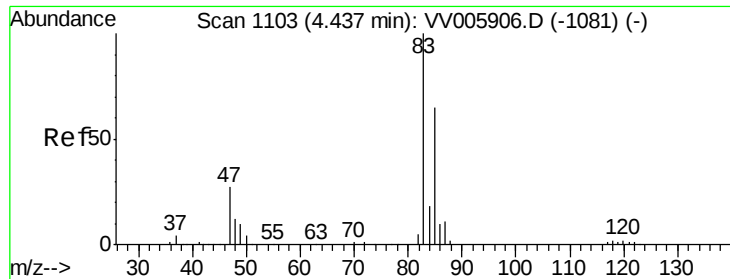
Abundance Ion 127.90 (127.60 to 128.60): VV005923.D (-1045) (-)

Ion 49.10 (48.80 to 49.80): VV005923.D (-1045) (-)

Ion 129.95 (129.65 to 130.65): VV005923.D (-1045) (-)

Ion 51.05 (50.75 to 51.75): VV005923.D (-1045) (-)





#25

Chloroform

Concen: 4.41 ug/L

RT: 4.44 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VV005923.D

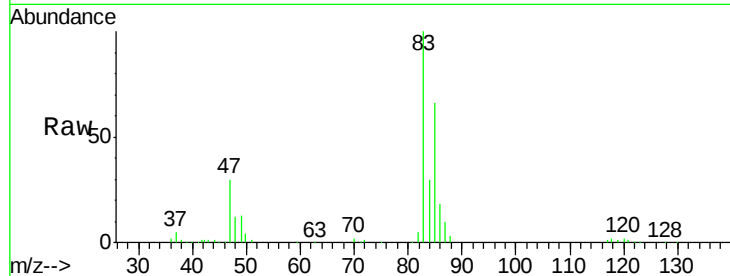
Acq: 15 May 2018 18:42

Tgt Ion: 83 Resp: 21548

Ion Ratio Lower Upper

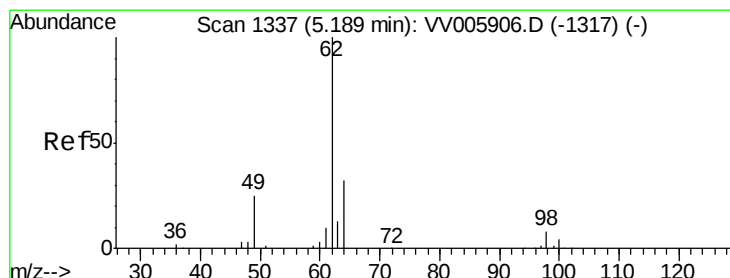
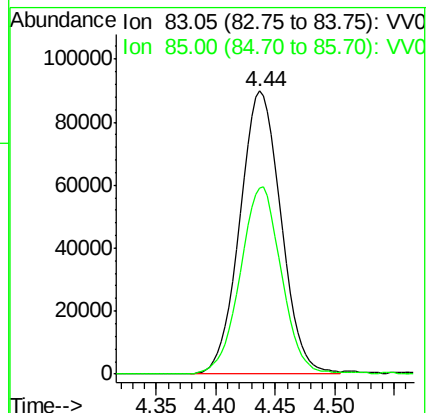
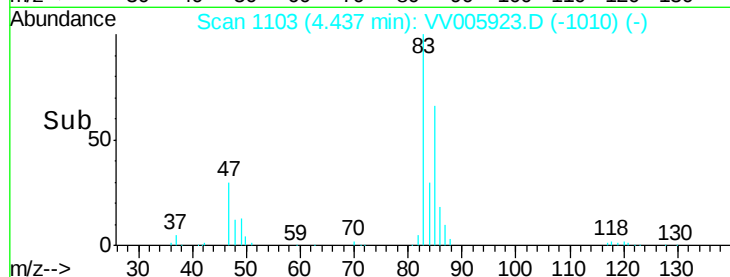
83 100

85 66.0 47.1 87.5



Abundance Ion 83.05 (82.75 to 83.75): VV005923.D (-1010) (-)

Ion 85.00 (84.70 to 85.70): VV005923.D (-1010) (-)



#27

1,2-Dichloroethane

Concen: 4.41 ug/L

RT: 5.19 min Scan# 1338

Delta R.T. 0.00 min

Lab File: VV005923.D

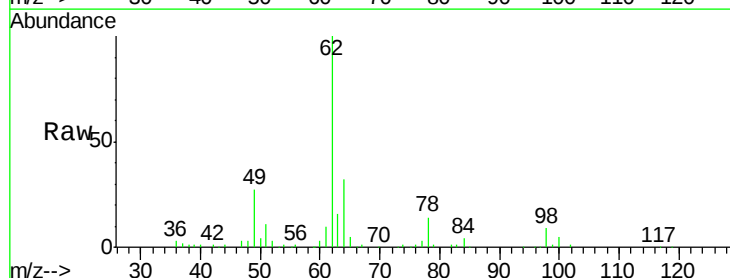
Acq: 15 May 2018 18:42

Tgt Ion: 62 Resp: 130081

Ion Ratio Lower Upper

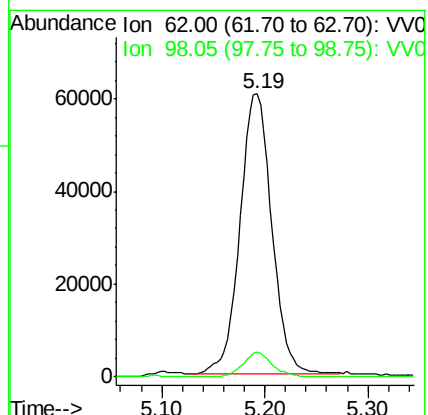
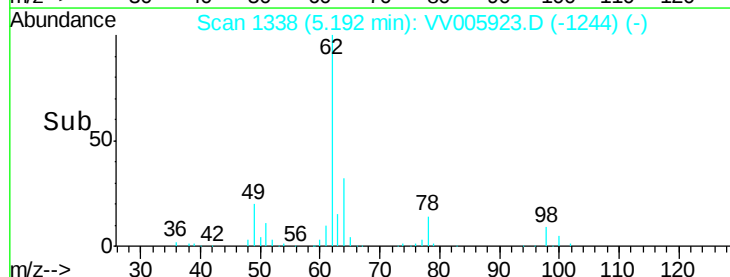
62 100

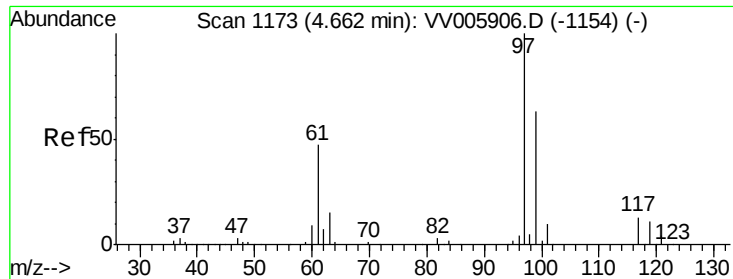
98 8.6 6.1 9.1



Abundance Ion 62.00 (61.70 to 62.70): VV005923.D (-1244) (-)

Ion 98.05 (97.75 to 98.75): VV005923.D (-1244) (-)





#29

1,1,1-Trichloroethane

Concen: 4.82 ug/L

RT: 4.67 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VV005923.D

Acq: 15 May 2018 18:42

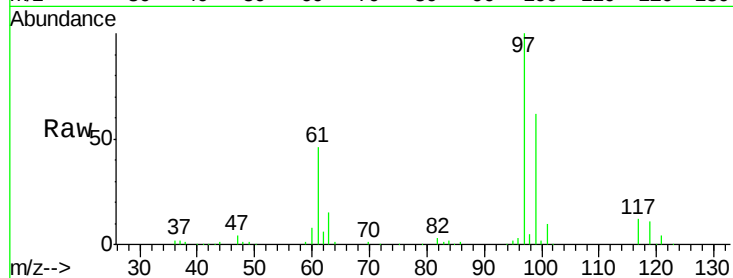
Tgt Ion: 97 Resp: 186721

Ion Ratio Lower Upper

97 100

99 63.9 51.8 77.8

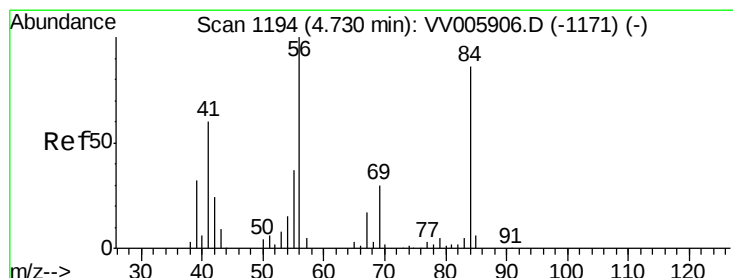
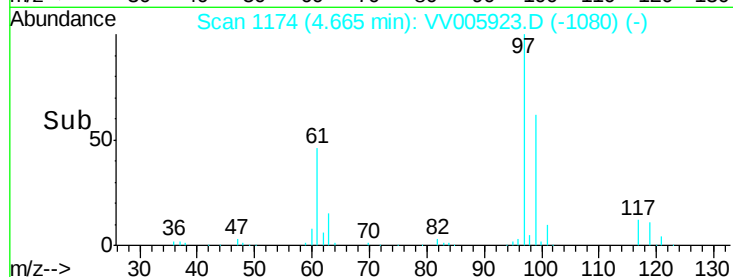
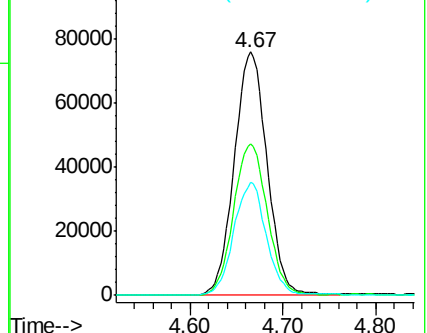
61 45.7 38.9 58.3



Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0



#30

Cyclohexane

Concen: 4.50 ug/L

RT: 4.73 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VV005923.D

Acq: 15 May 2018 18:42

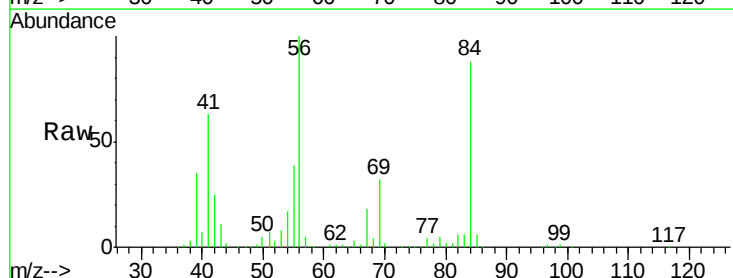
Tgt Ion: 56 Resp: 148270

Ion Ratio Lower Upper

56 100

69 31.1 24.3 36.5

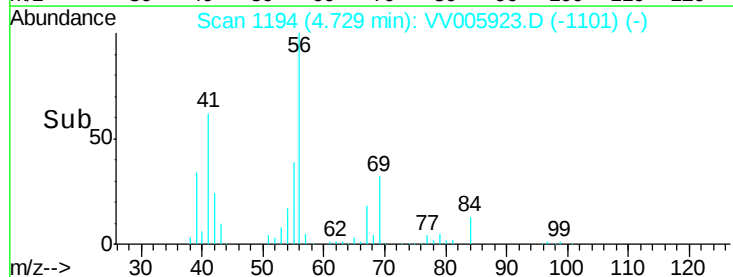
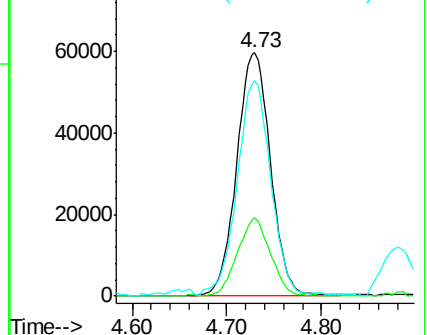
84 88.1 69.4 104.2

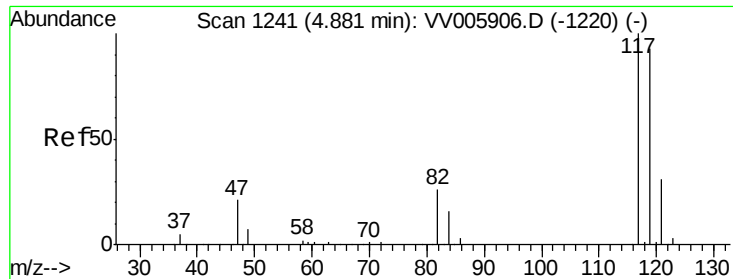


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 4.74 ug/L

RT: 4.88 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VV005923.D

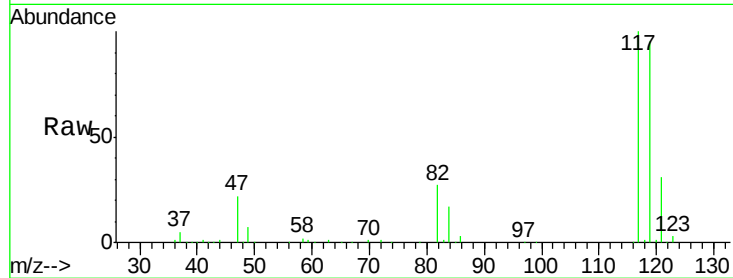
Acq: 15 May 2018 18:42

Tgt Ion: 117 Resp: 165045

Ion Ratio Lower Upper

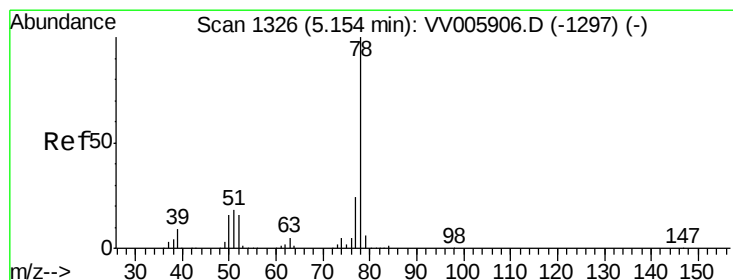
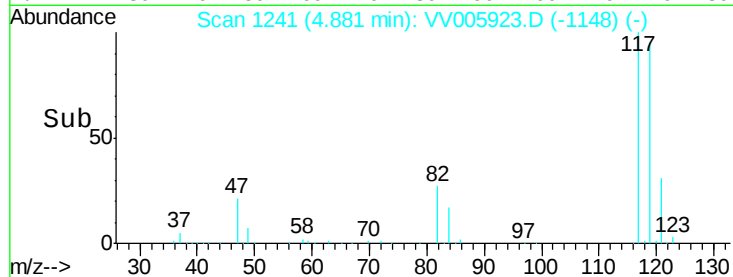
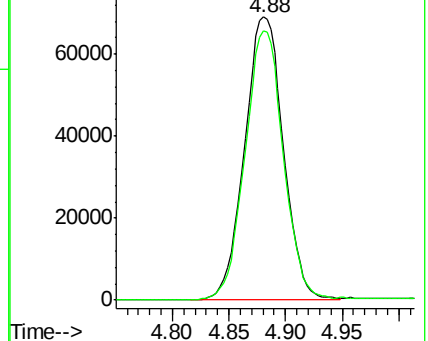
117 100

119 94.1 76.2 114.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 4.91 ug/L

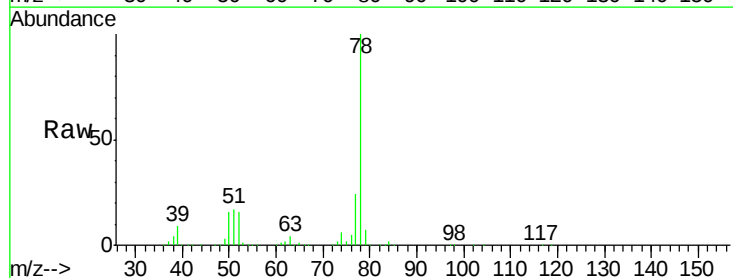
RT: 5.15 min Scan# 1326

Delta R.T. -0.00 min

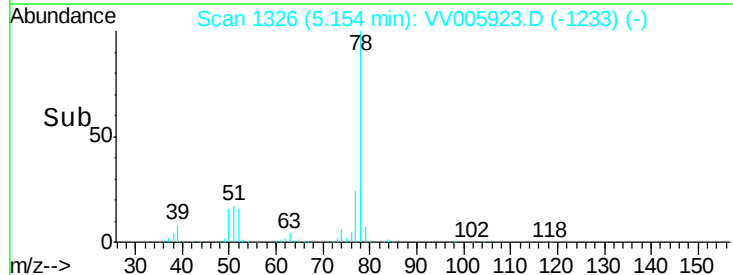
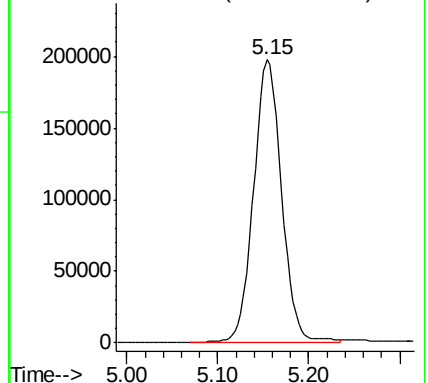
Lab File: VV005923.D

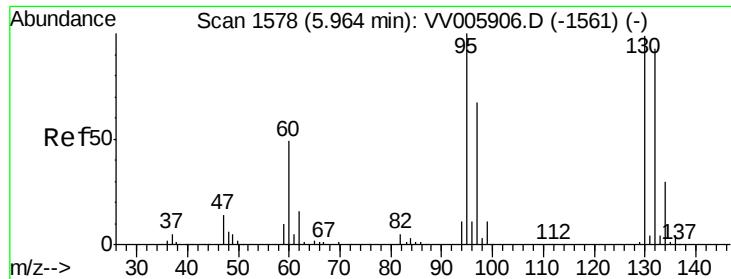
Acq: 15 May 2018 18:42

Tgt Ion: 78 Resp: 425340



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 14.38 ug/L

RT: 5.97 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VV005923.D

Acq: 15 May 2018 18:42

Tgt Ion: 95 Resp: 354703

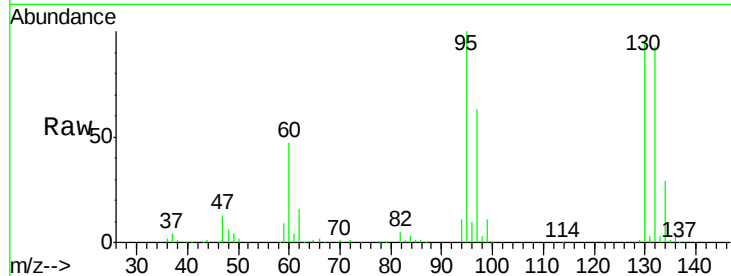
Ion Ratio Lower Upper

95 100

97 63.2 45.6 84.8

132 93.4 64.2 119.2

130 96.0 69.0 128.2

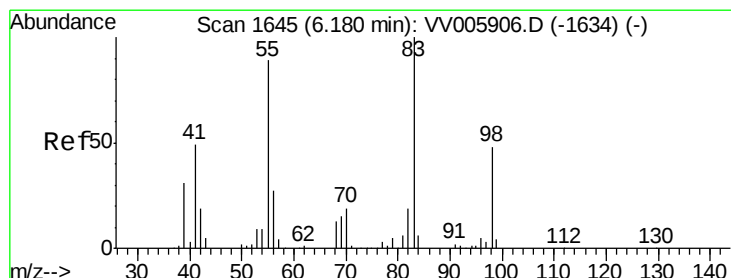
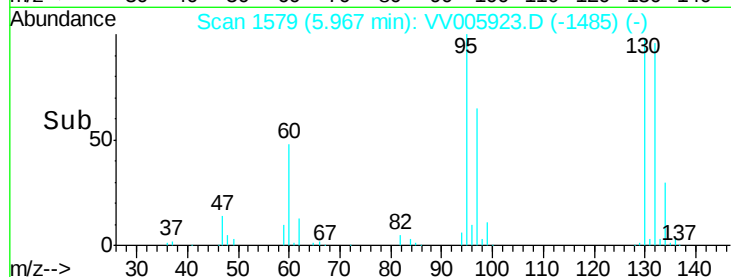
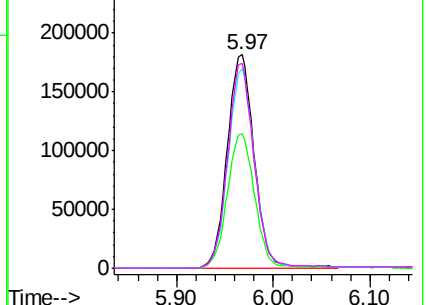


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 4.61 ug/L

RT: 6.18 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VV005923.D

Acq: 15 May 2018 18:42

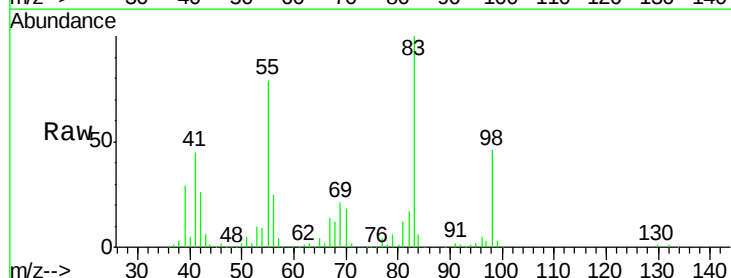
Tgt Ion: 83 Resp: 160264

Ion Ratio Lower Upper

83 100

55 82.4 64.1 96.1

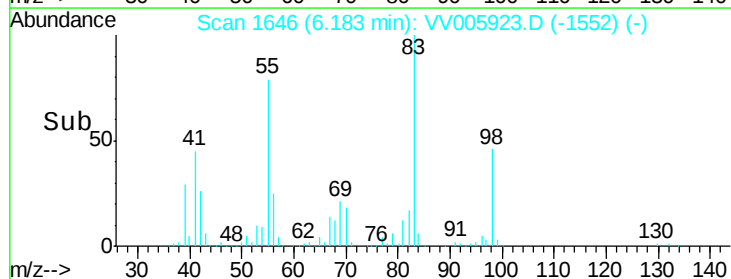
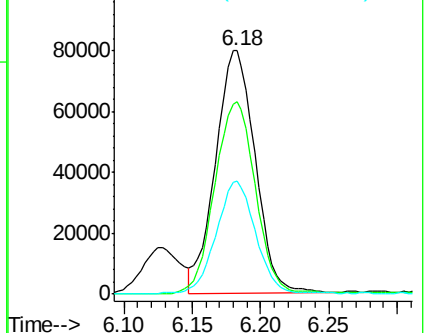
98 46.7 37.0 55.4

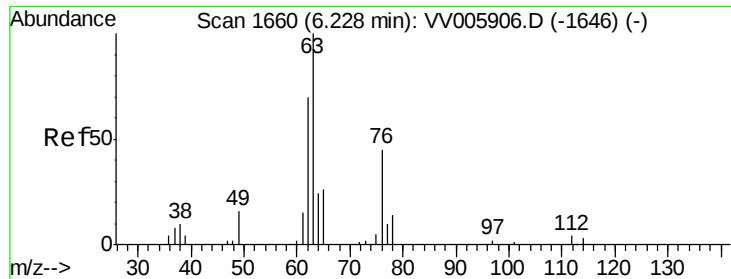


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 5.08 ug/L

RT: 6.23 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VV005923.D

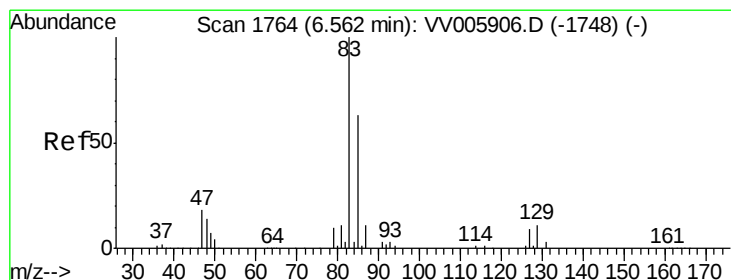
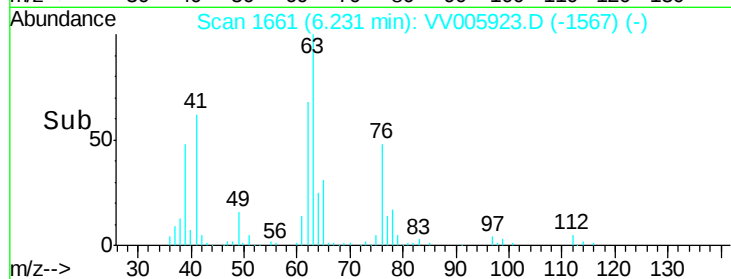
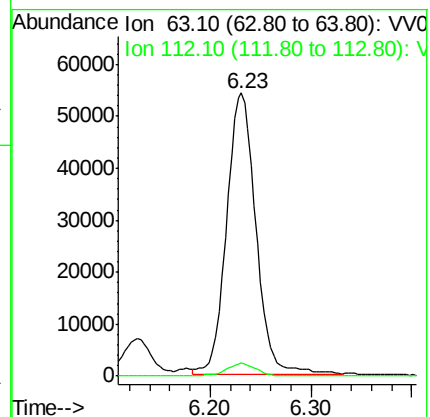
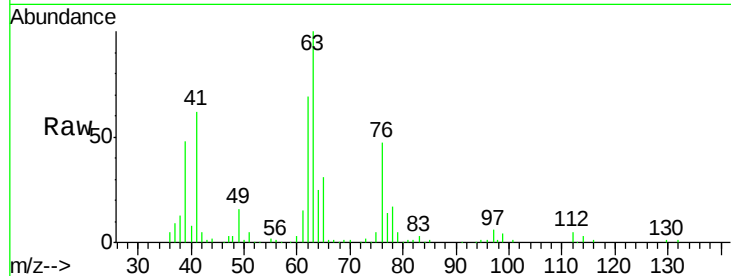
Acq: 15 May 2018 18:42

Tgt Ion: 63 Resp: 109051

Ion Ratio Lower Upper

63 100

112 4.7 3.5 5.3



#38

Bromodichloromethane

Concen: 4.83 ug/L

RT: 6.57 min Scan# 1765

Delta R.T. 0.00 min

Lab File: VV005923.D

Acq: 15 May 2018 18:42

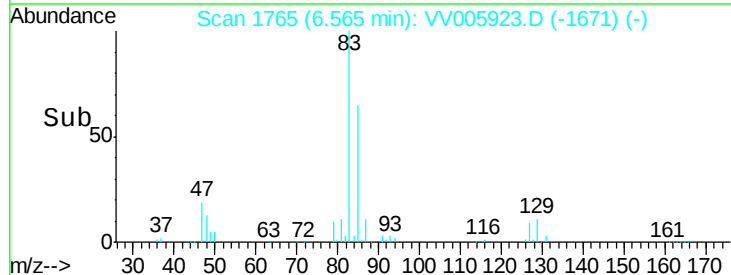
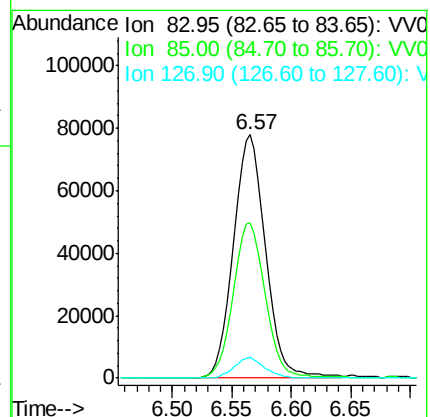
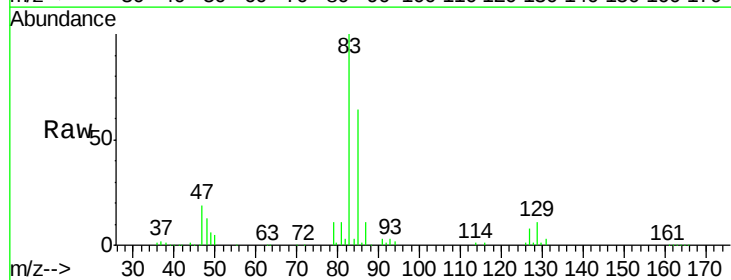
Tgt Ion: 83 Resp: 145454

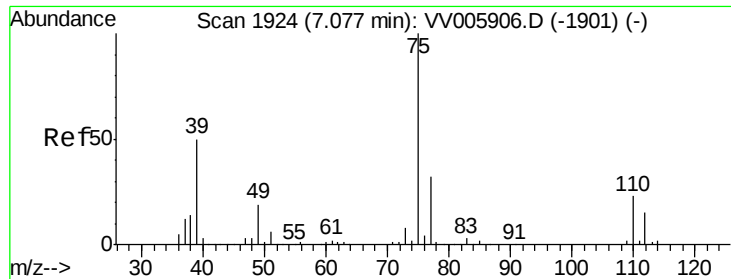
Ion Ratio Lower Upper

83 100

85 63.9 45.4 84.2

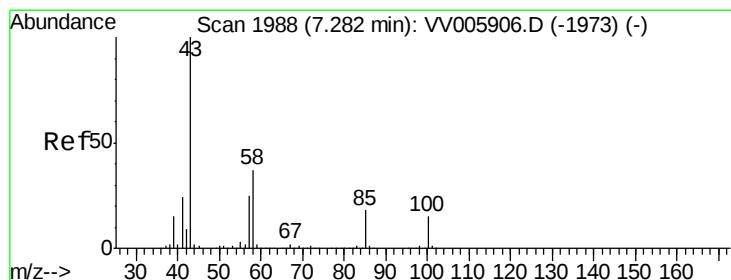
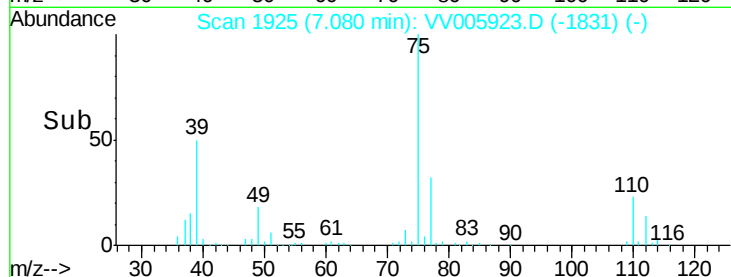
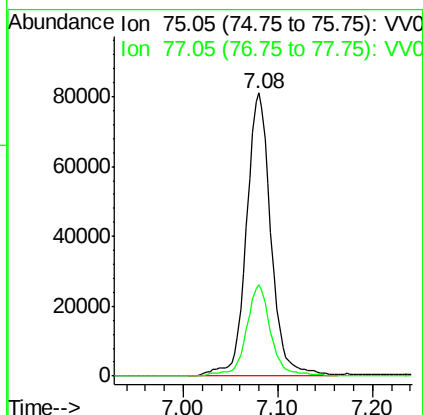
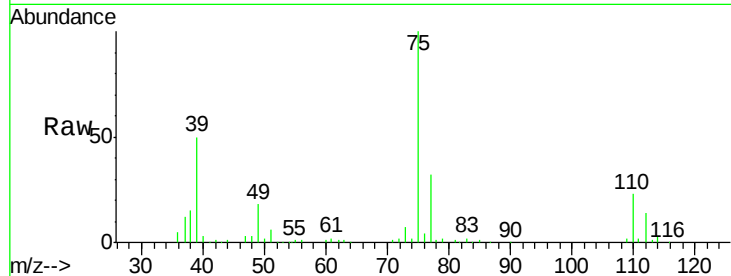
127 8.4 7.4 11.0





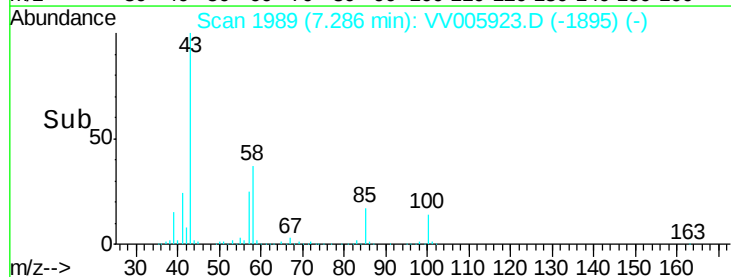
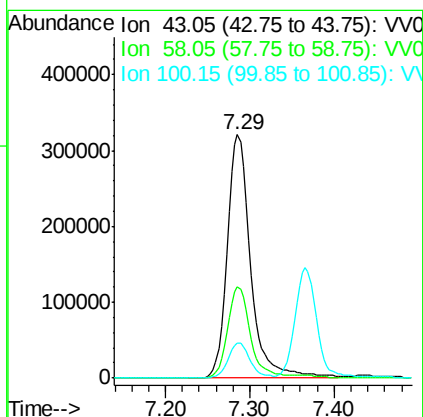
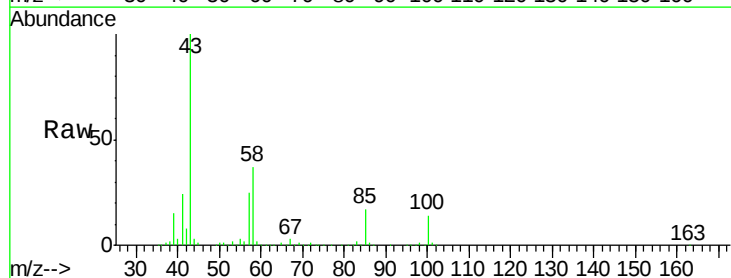
#39
 cis-1,3-Dichloropropene
 Concen: 4.72 ug/L
 RT: 7.08 min Scan# 1925
 Delta R.T. 0.00 min
 Lab File: VV005923.D
 Acq: 15 May 2018 18:42

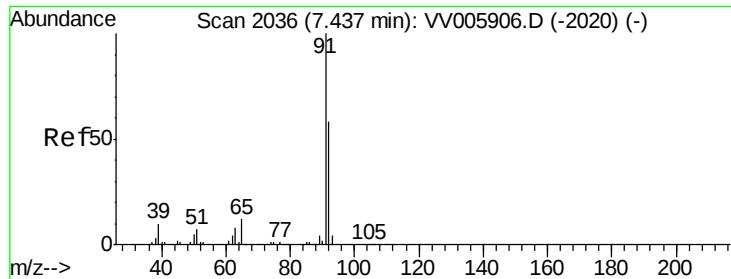
Tgt Ion: 75 Resp: 146467
 Ion Ratio Lower Upper
 75 100
 77 32.4 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 46.50 ug/L
 RT: 7.29 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VV005923.D
 Acq: 15 May 2018 18:42

Tgt Ion: 43 Resp: 618179
 Ion Ratio Lower Upper
 43 100
 58 36.5 28.2 42.4
 100 13.6 10.2 15.4





#42

Toluene

Concen: 4.94 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV005923.D

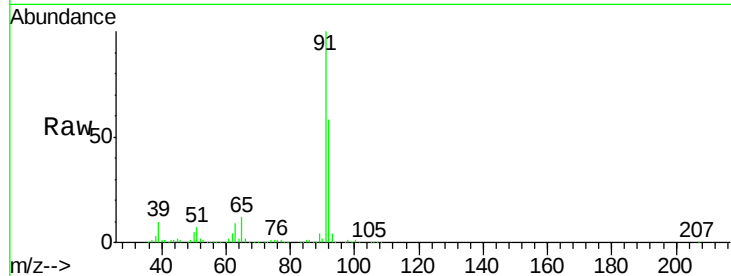
Acq: 15 May 2018 18:42

Tgt Ion: 91 Resp: 469301

Ion Ratio Lower Upper

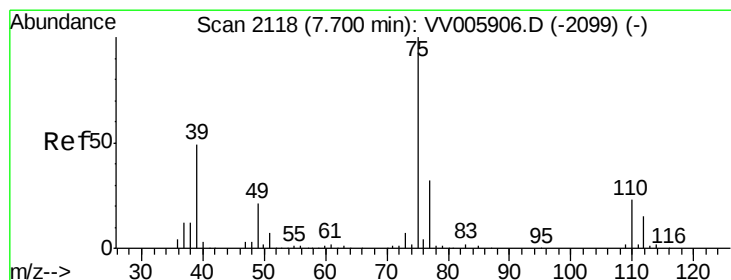
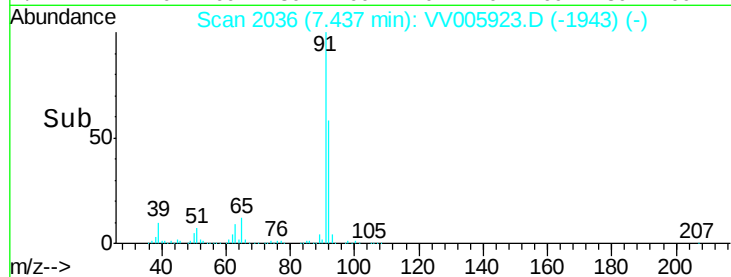
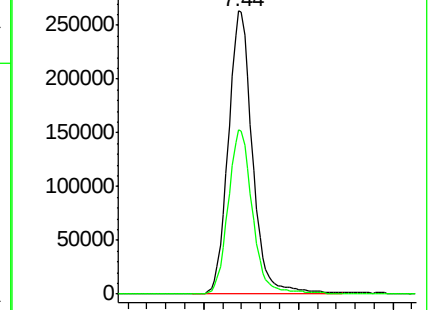
91 100

92 57.9 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 4.63 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VV005923.D

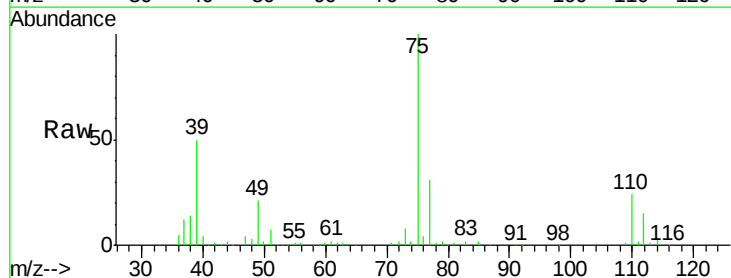
Acq: 15 May 2018 18:42

Tgt Ion: 75 Resp: 119677

Ion Ratio Lower Upper

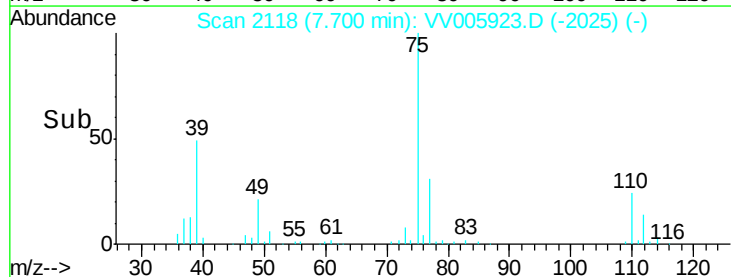
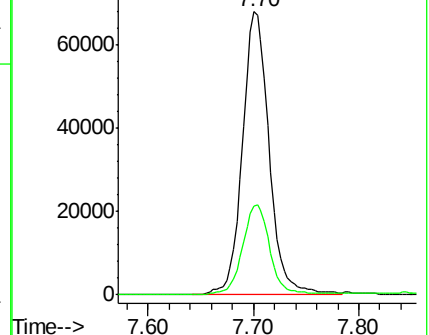
75 100

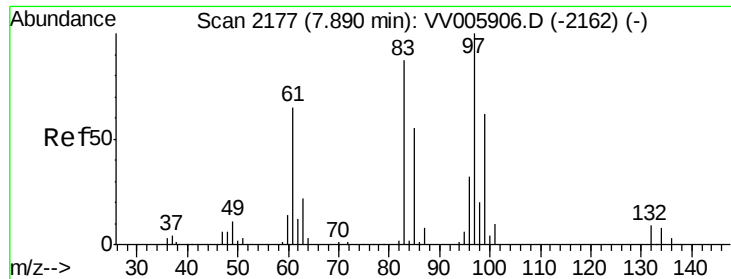
77 31.4 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#45

1,1,2-Trichloroethane

Concen: 4.86 ug/L

RT: 7.89 min Scan# 2177

Delta R.T. -0.00 min

Lab File: VV005923.D

Acq: 15 May 2018 18:42

Tgt Ion: 97 Resp: 77644

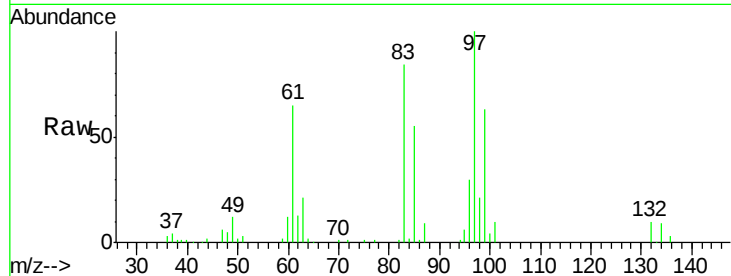
Ion Ratio Lower Upper

97 100

99 62.7 42.4 78.8

83 84.5 61.7 114.7

85 55.3 37.9 70.5

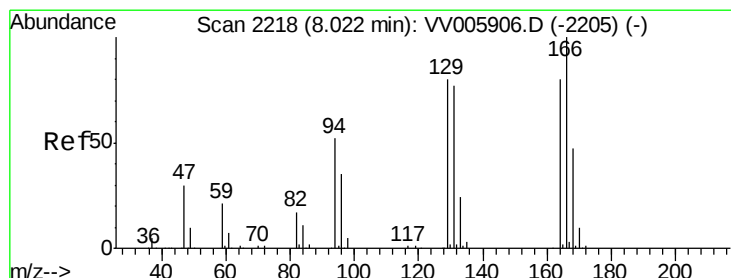
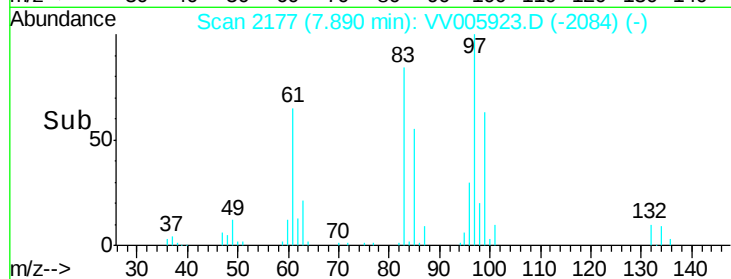
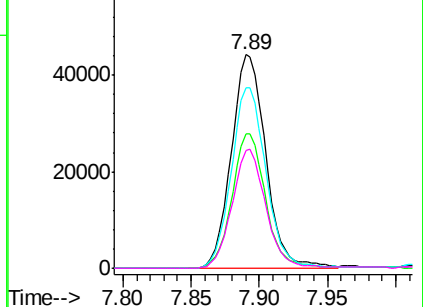


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 5.19 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV005923.D

Acq: 15 May 2018 18:42

Tgt Ion: 164 Resp: 89713

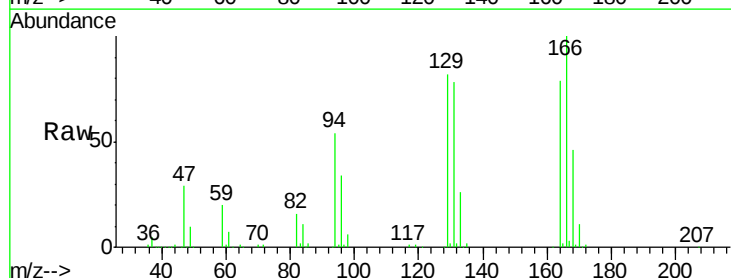
Ion Ratio Lower Upper

164 100

129 102.9 71.2 132.2

131 99.0 70.6 131.0

166 126.1 87.8 163.2

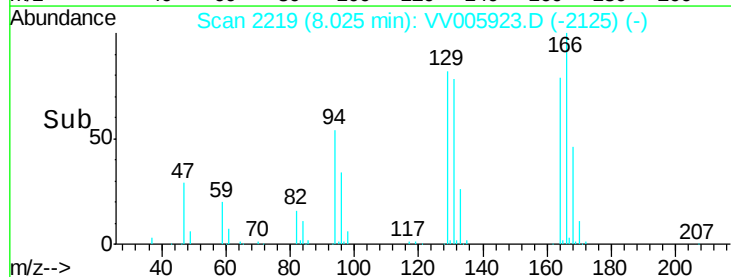
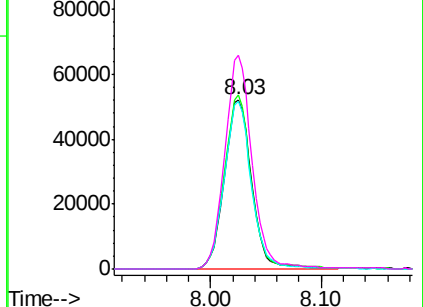


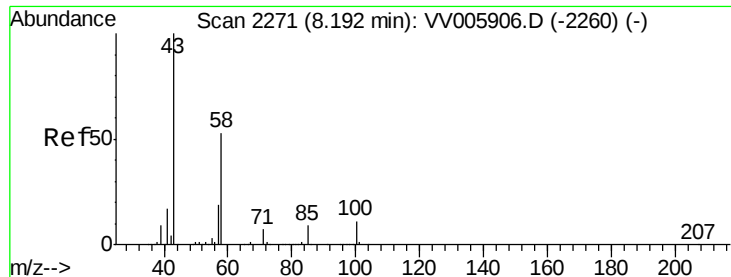
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

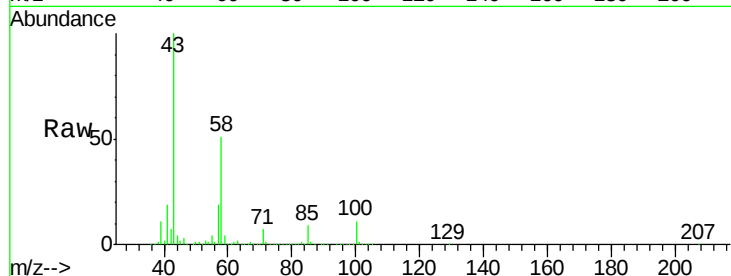
Ion 165.90 (165.60 to 166.60): V



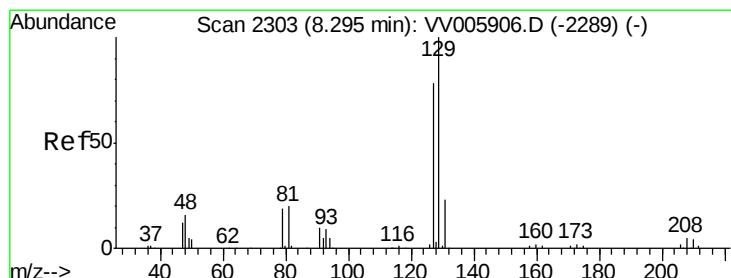
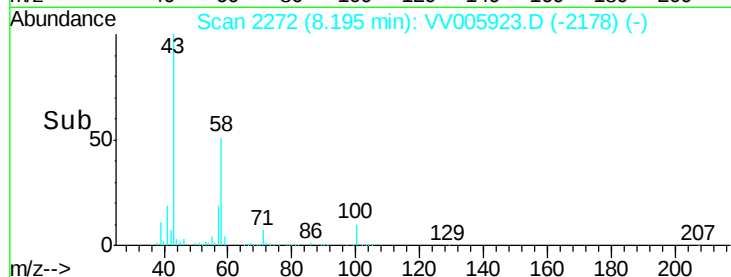
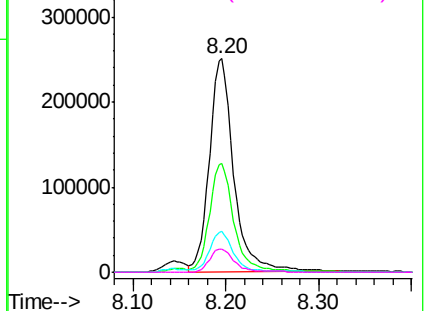


#48
2-Hexanone
Concen: 46.22 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV005923.D
Acq: 15 May 2018 18:42

Tgt Ion: 43 Resp: 453778
Ion Ratio Lower Upper
43 100
58 51.6 40.2 60.2
57 18.3 14.6 22.0
100 11.0 8.6 12.8

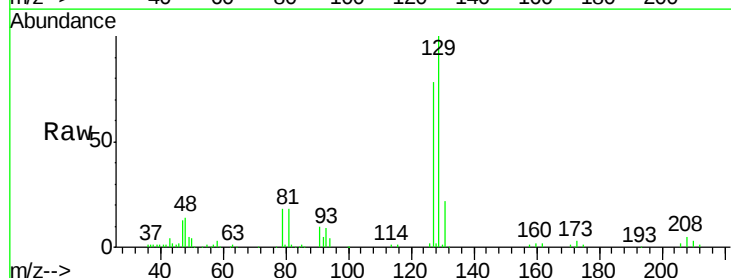


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

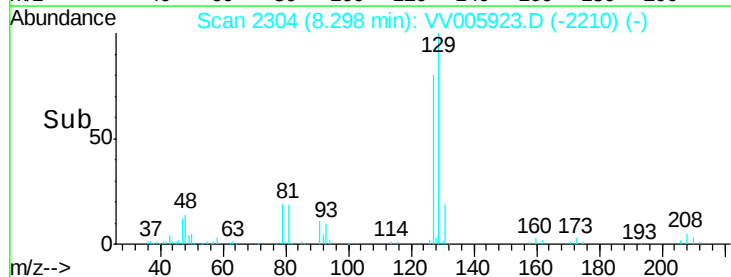
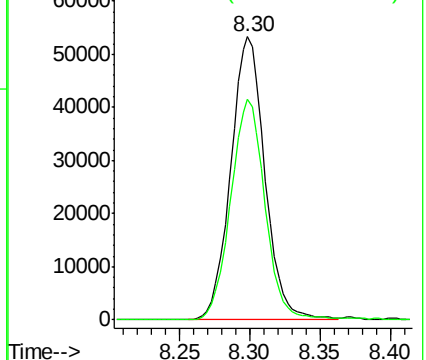


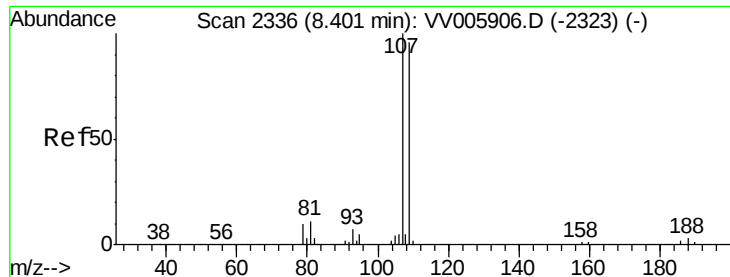
#49
Dibromochloromethane
Concen: 4.86 ug/L
RT: 8.30 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VV005923.D
Acq: 15 May 2018 18:42

Tgt Ion: 129 Resp: 90220
Ion Ratio Lower Upper
129 100
127 77.7 55.4 103.0



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#50

1,2-Dibromoethane

Concen: 4.59 ug/L

RT: 8.40 min Scan# 2337

Delta R.T. 0.00 min

Lab File: VV005923.D

Acq: 15 May 2018 18:42

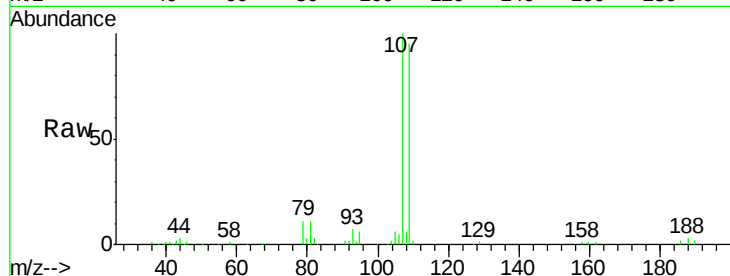
Tgt Ion:107 Resp: 67953

Ion Ratio Lower Upper

107 100

109 95.0 63.2 117.4

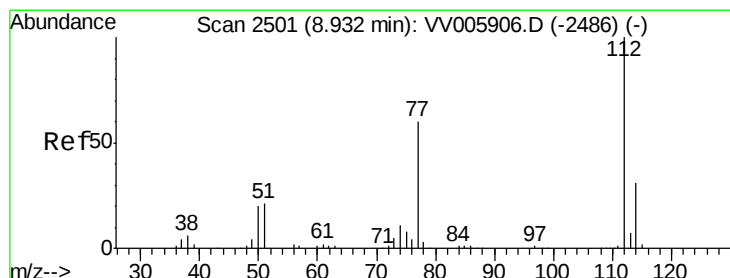
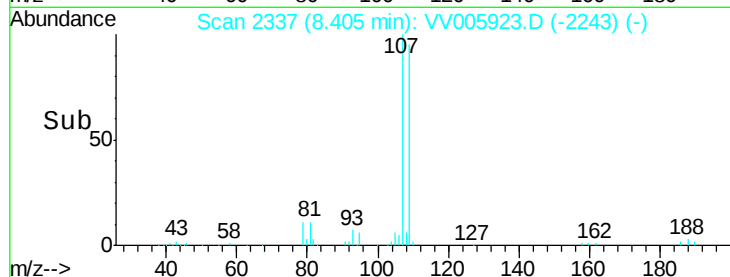
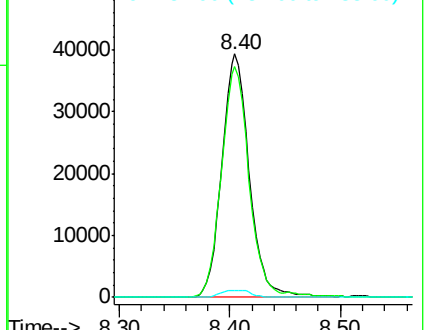
188 2.8 2.4 3.6



Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



#51

Chlorobenzene

Concen: 4.83 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. -0.00 min

Lab File: VV005923.D

Acq: 15 May 2018 18:42

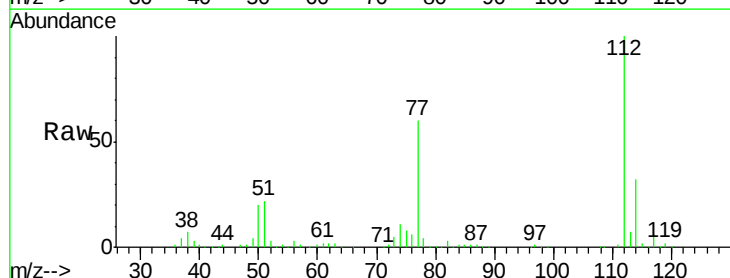
Tgt Ion:112 Resp: 300878

Ion Ratio Lower Upper

112 100

114 31.7 22.7 42.1

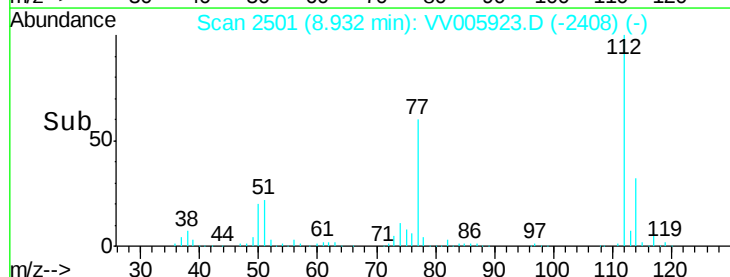
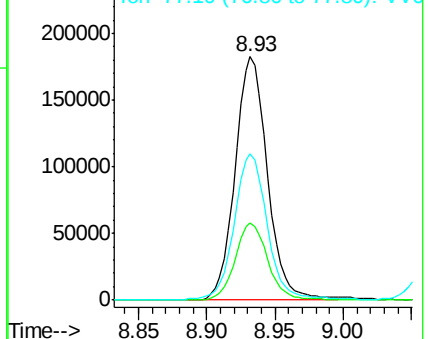
77 60.0 48.8 73.2

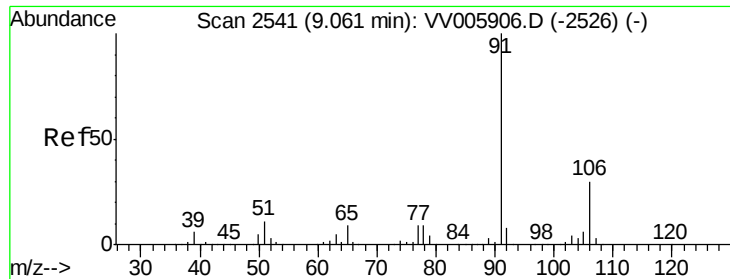


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0





#52

Ethylbenzene

Concen: 4.80 ug/L

RT: 9.06 min Scan# 2542

Delta R.T. 0.00 min

Lab File: VV005923.D

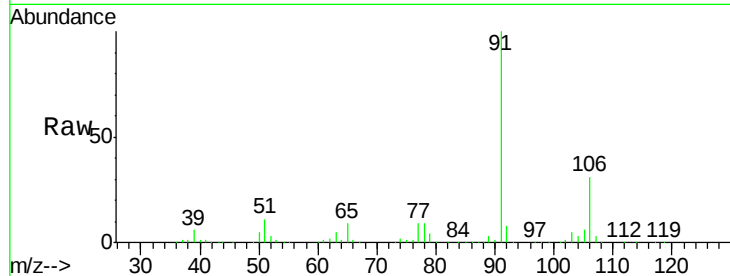
Acq: 15 May 2018 18:42

Tgt Ion: 91 Resp: 493859

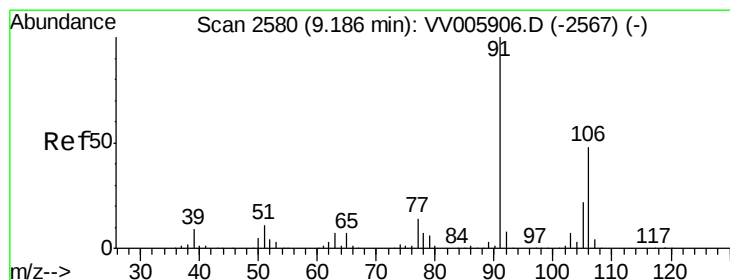
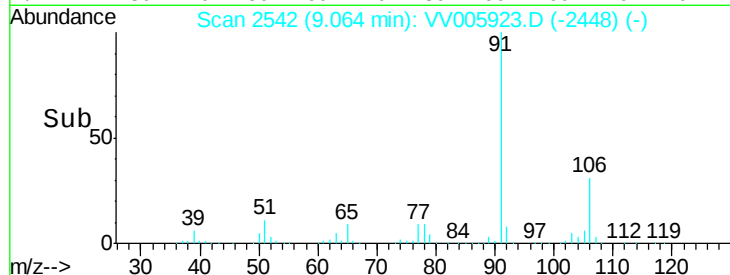
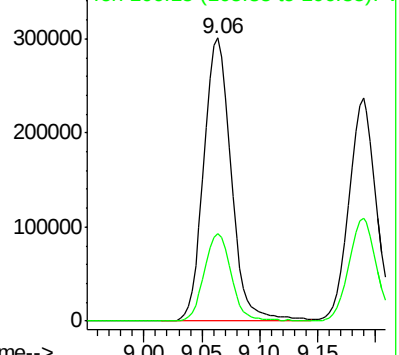
Ion Ratio Lower Upper

91 100

106 31.1 20.4 38.0



Abundance Ion 91.15 (90.85 to 91.85): VV005923.D (-2448) (-)



#53

m,p-xylene

Concen: 4.88 ug/L

RT: 9.19 min Scan# 2581

Delta R.T. 0.00 min

Lab File: VV005923.D

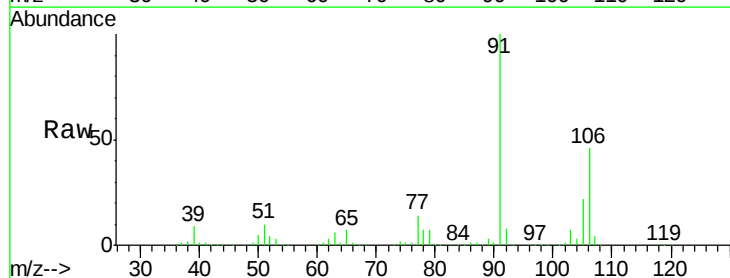
Acq: 15 May 2018 18:42

Tgt Ion: 106 Resp: 183239

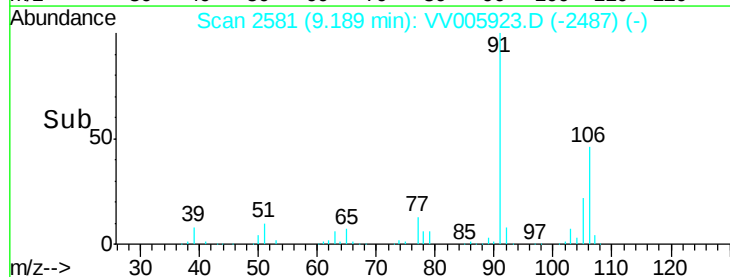
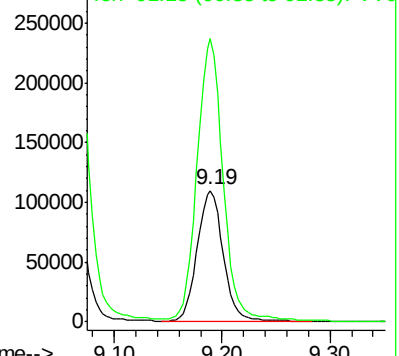
Ion Ratio Lower Upper

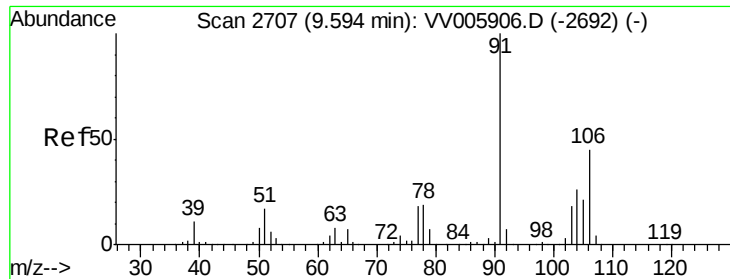
106 100

91 215.4 146.1 271.3



Abundance Ion 106.15 (105.85 to 106.85): VV005923.D (-2487) (-)





#54

o-xylene

Concen: 4.99 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. -0.00 min

Lab File: VV005923.D

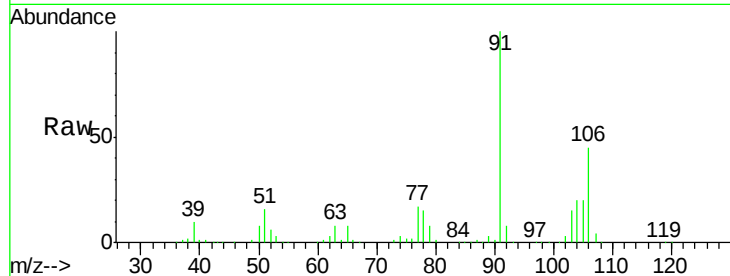
Acq: 15 May 2018 18:42

Tgt Ion:106 Resp: 180463

Ion Ratio Lower Upper

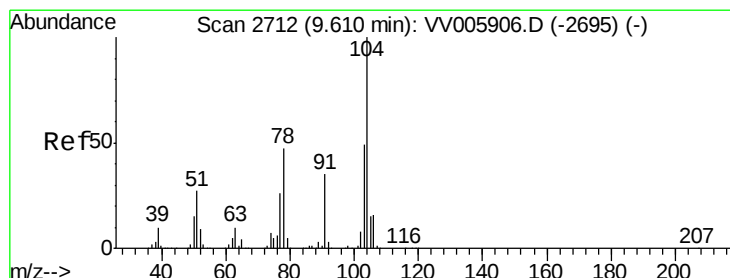
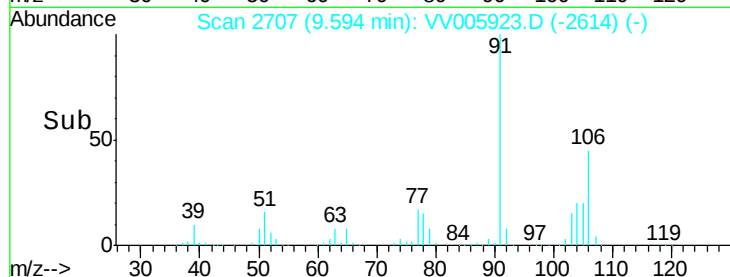
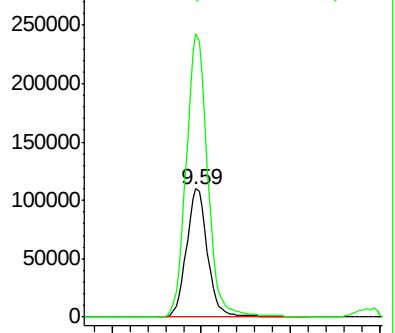
106 100

91 220.7 157.8 293.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 5.20 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. -0.00 min

Lab File: VV005923.D

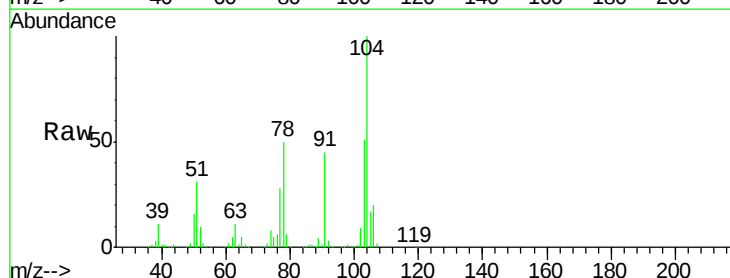
Acq: 15 May 2018 18:42

Tgt Ion:104 Resp: 314079

Ion Ratio Lower Upper

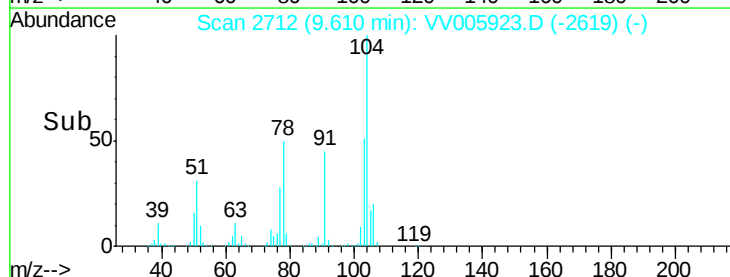
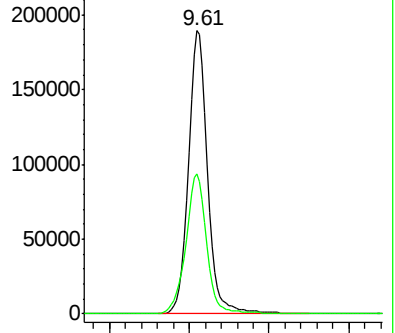
104 100

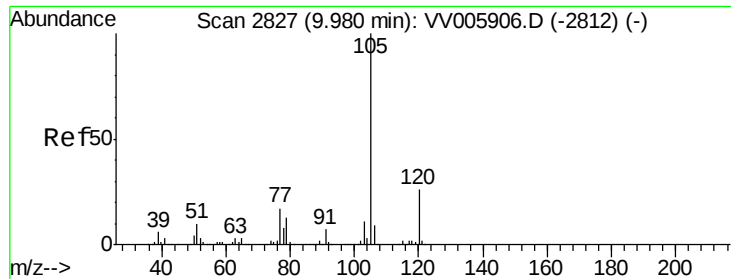
78 49.7 35.1 65.1



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 5.10 ug/L

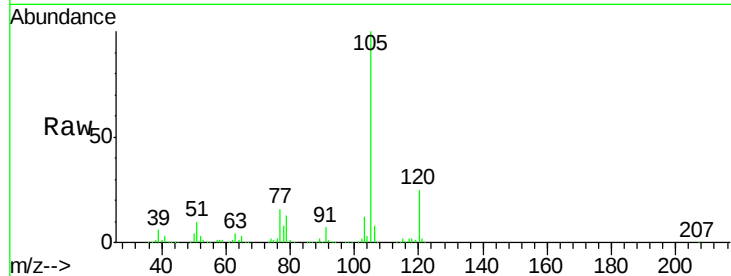
RT: 9.98 min Scan# 2828

Delta R.T. 0.00 min

Lab File: VV005923.D

Acq: 15 May 2018 18:42

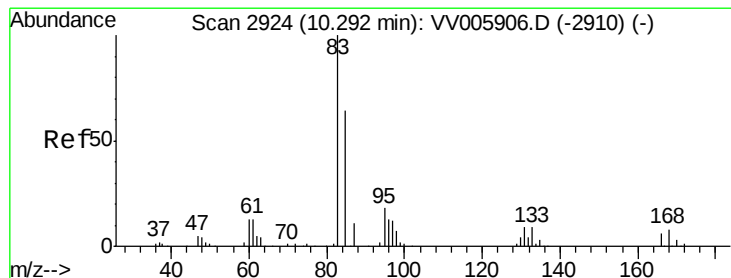
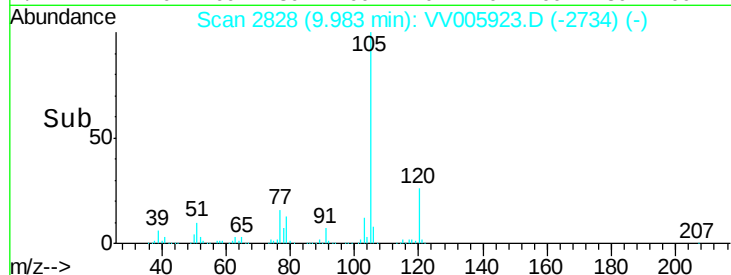
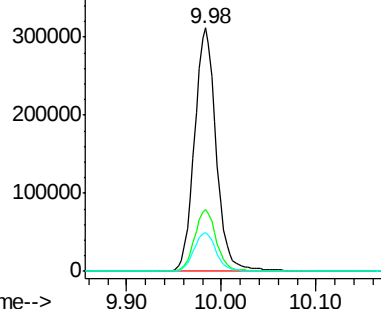
Tgt Ion:	105	Resp:	496729
Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.6	31.0
77	16.3	14.4	21.6



Abundance Ion 105.05 (104.75 to 105.75): VV005906.D (-2812) (-)

Ion 120.10 (119.80 to 120.80): VV005906.D (-2812) (-)

Ion 77.10 (76.80 to 77.80): VV005906.D (-2812) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 4.83 ug/L

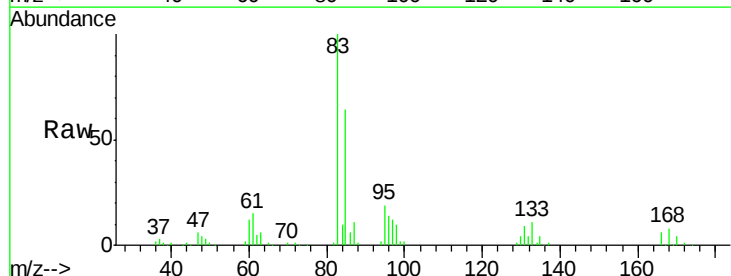
RT: 10.30 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VV005923.D

Acq: 15 May 2018 18:42

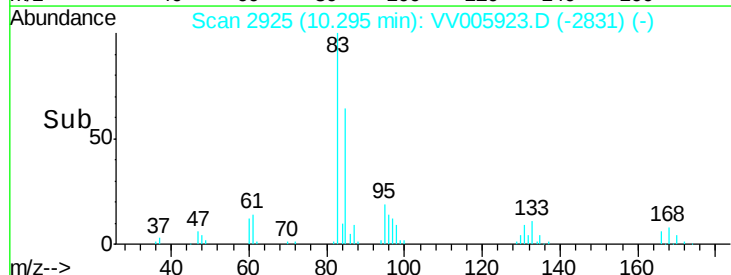
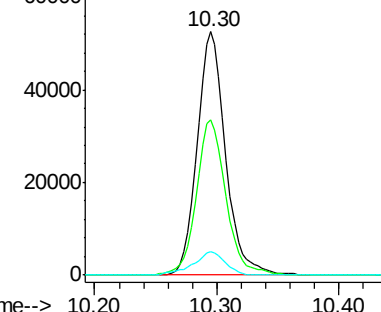
Tgt Ion:	83	Resp:	85464
Ion	Ratio	Lower	Upper
83	100		
85	63.9	43.6	81.0
131	9.5	7.4	11.2

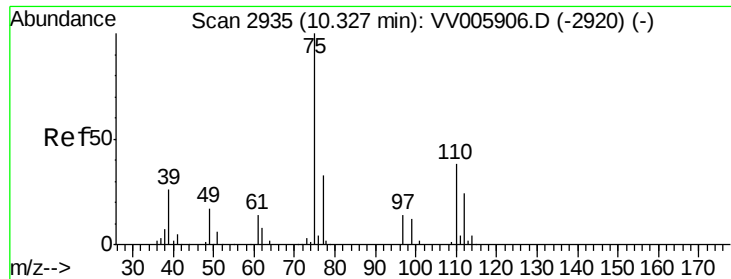


Abundance Ion 82.95 (82.65 to 83.65): VV005906.D (-2910) (-)

Ion 85.00 (84.70 to 85.70): VV005906.D (-2910) (-)

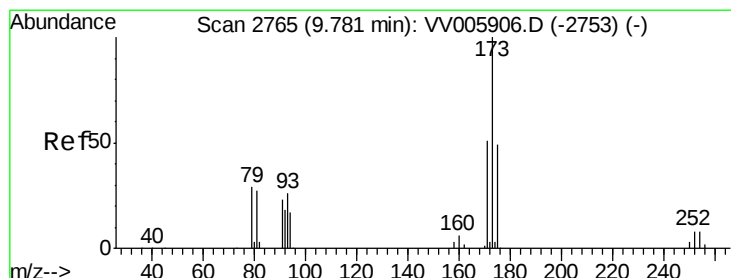
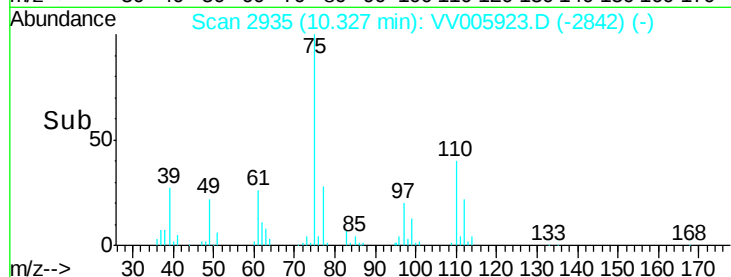
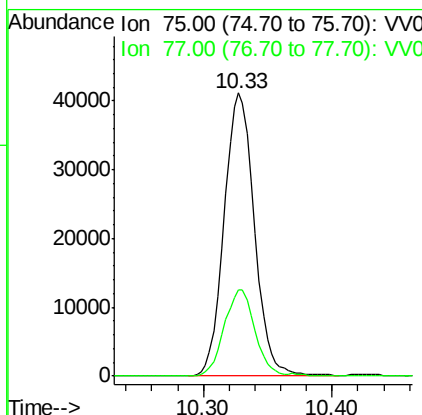
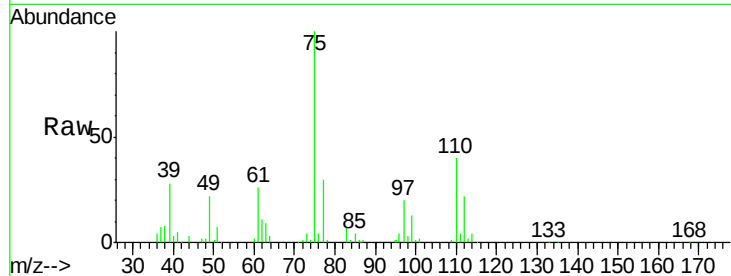
Ion 130.95 (130.65 to 131.65): VV005906.D (-2910) (-)





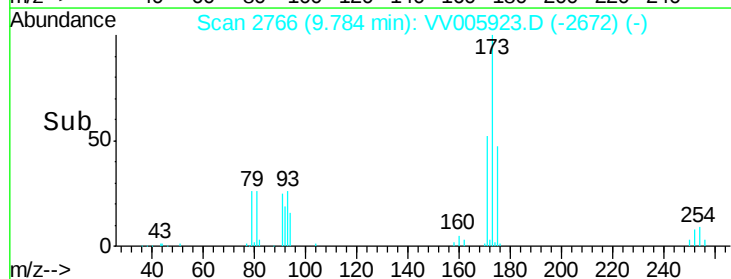
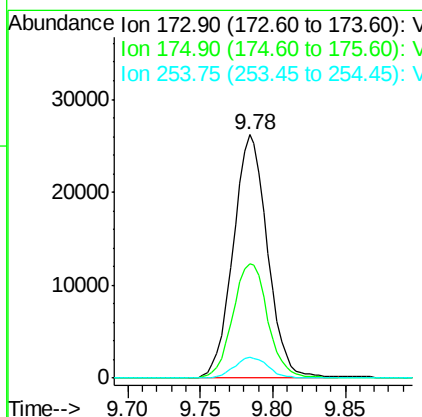
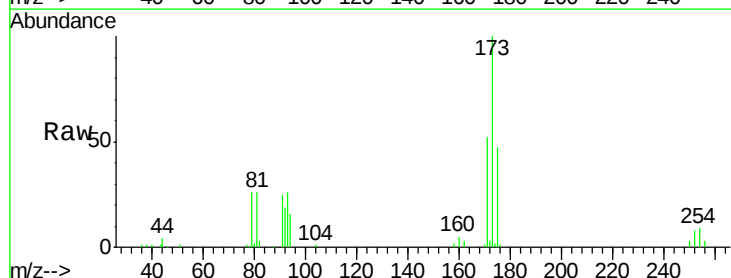
#59
 1,2,3-Trichloropropane
 Concen: 4.70 ug/L
 RT: 10.33 min Scan# 2935
 Delta R.T. -0.00 min
 Lab File: VV005923.D
 Acq: 15 May 2018 18:42

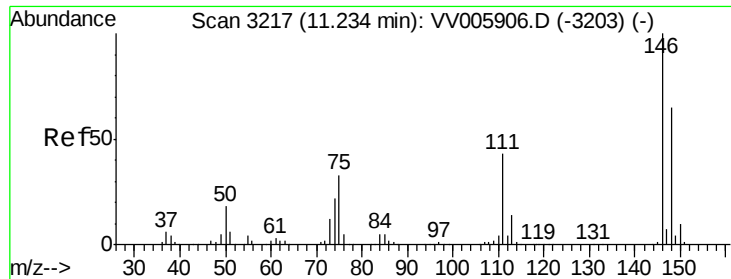
Tgt Ion: 75 Resp: 66977
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3



#61
 Bromoform
 Concen: 4.84 ug/L
 RT: 9.78 min Scan# 2766
 Delta R.T. 0.00 min
 Lab File: VV005923.D
 Acq: 15 May 2018 18:42

Tgt Ion: 173 Resp: 42959
 Ion Ratio Lower Upper
 173 100
 175 48.1 36.6 54.8
 254 8.3 5.5 8.3#





#62

1,3-Dichlorobenzene

Concen: 4.82 ug/L

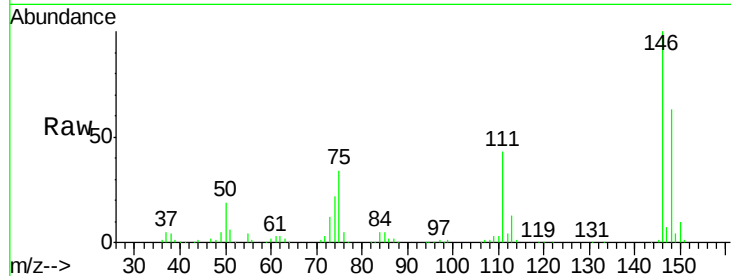
RT: 11.23 min Scan# 3217

Delta R.T. -0.00 min

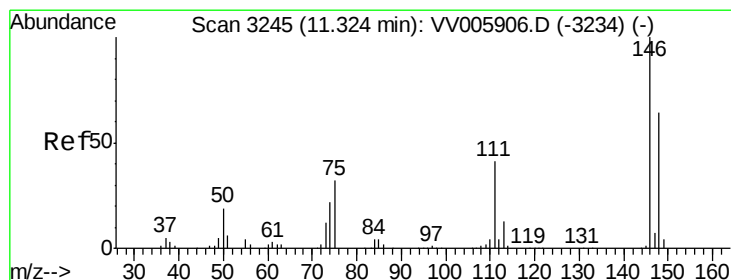
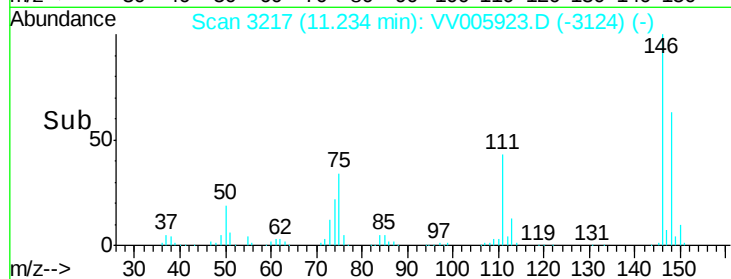
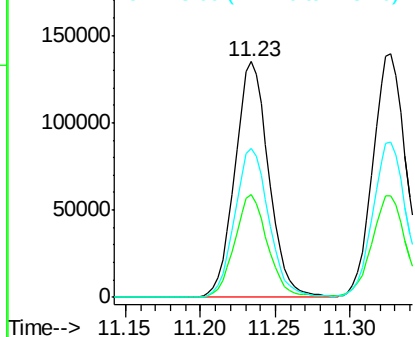
Lab File: VV005923.D

Acq: 15 May 2018 18:42

Tgt Ion:	146	Resp:	213614
Ion	Ratio	Lower	Upper
146	100		
111	43.4	31.1	57.7
148	63.3	44.5	82.7



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 4.76 ug/L

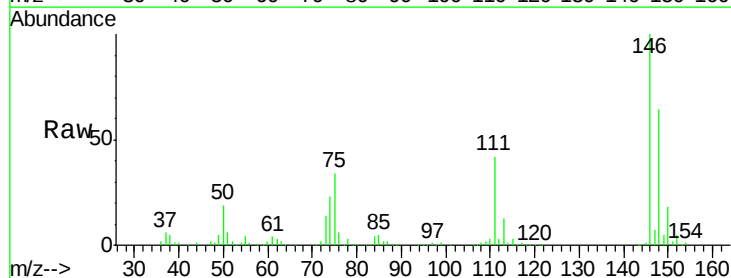
RT: 11.33 min Scan# 3246

Delta R.T. 0.00 min

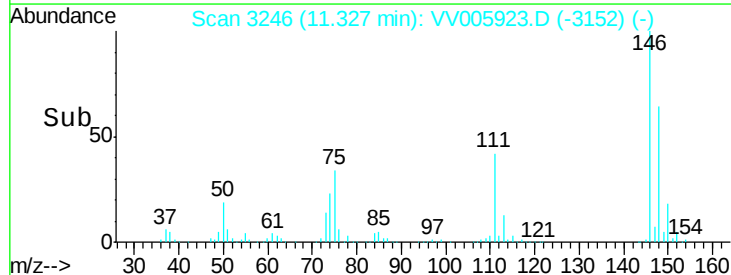
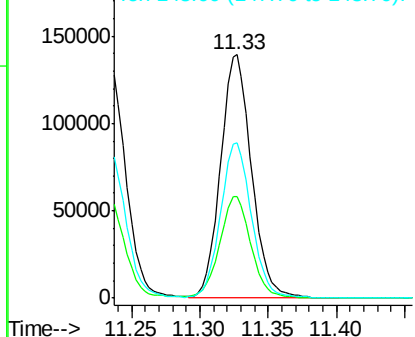
Lab File: VV005923.D

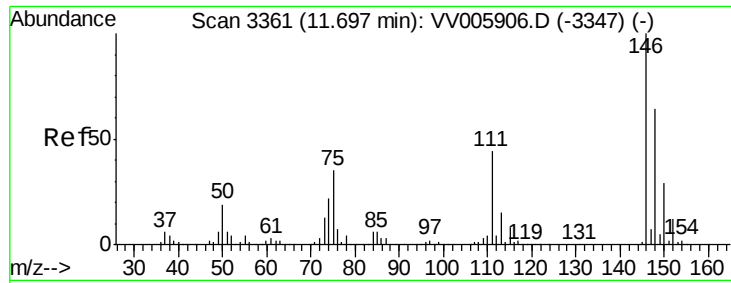
Acq: 15 May 2018 18:42

Tgt Ion:	146	Resp:	219902
Ion	Ratio	Lower	Upper
146	100		
111	41.9	28.6	53.2
148	64.0	46.2	85.8



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 4.87 ug/L

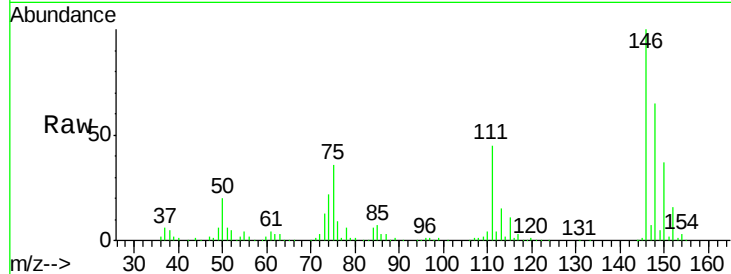
RT: 11.70 min Scan# 3361

Delta R.T. -0.00 min

Lab File: VV005923.D

Acq: 15 May 2018 18:42

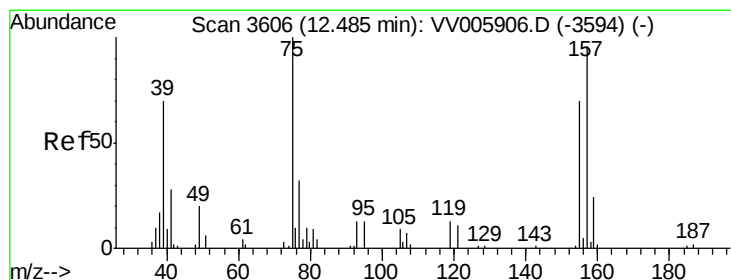
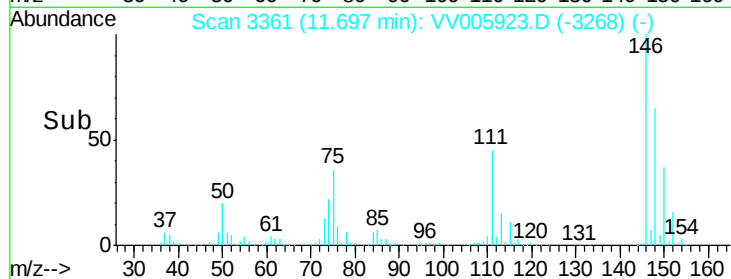
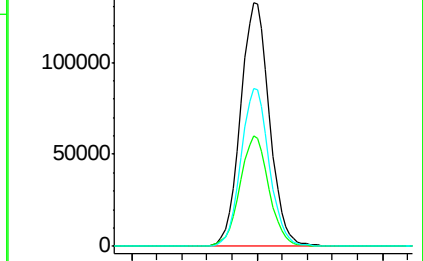
Tgt Ion:	146	Resp:	212013
Ion	Ratio	Lower	Upper
146	100		
111	45.3	37.0	55.6
148	64.9	50.9	76.3



Abundance Ion 145.95 (145.65 to 146.65): 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: 4.55 ug/L

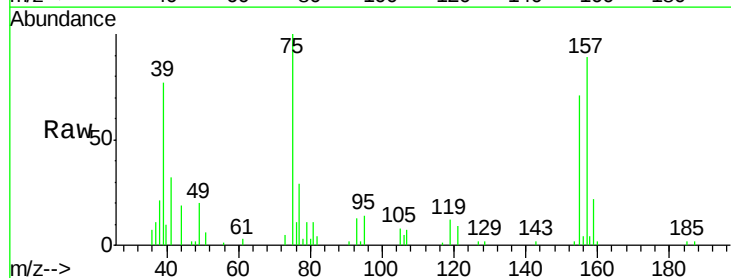
RT: 12.48 min Scan# 3606

Delta R.T. -0.00 min

Lab File: VV005923.D

Acq: 15 May 2018 18:42

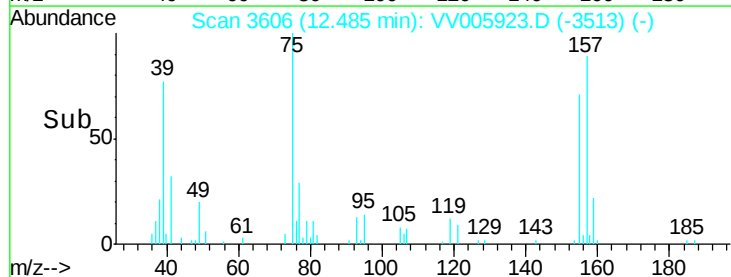
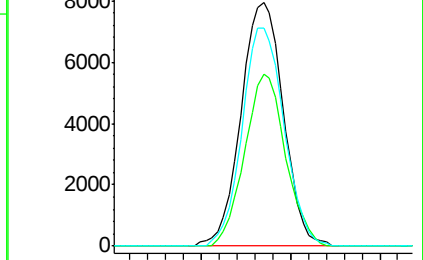
Tgt Ion:	75	Resp:	13140
Ion	Ratio	Lower	Upper
75	100		
155	70.8	56.1	84.1
157	89.4	81.0	121.4

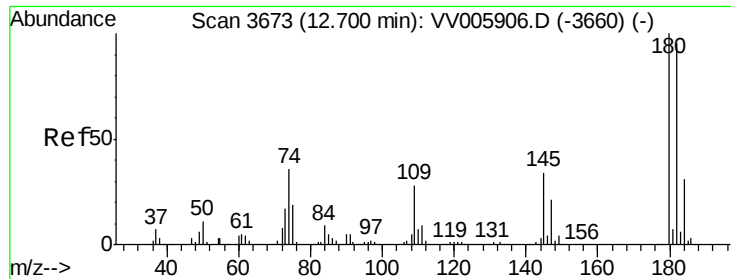


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

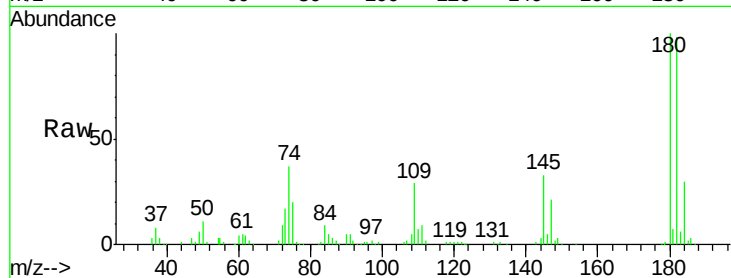
Ion 156.90 (156.60 to 157.60): V





#67
 1,3,5-Trichlorobenzene
 Concen: 4.79 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. -0.00 min
 Lab File: VV005923.D
 Acq: 15 May 2018 18:42

Tgt Ion:	180	Resp:	154475
Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.4	113.0
184	30.1	24.6	36.8
145	32.5	26.0	39.0

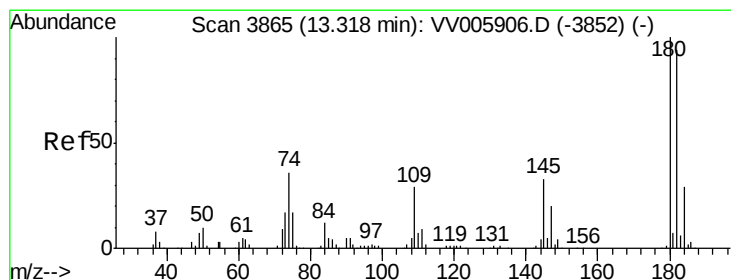
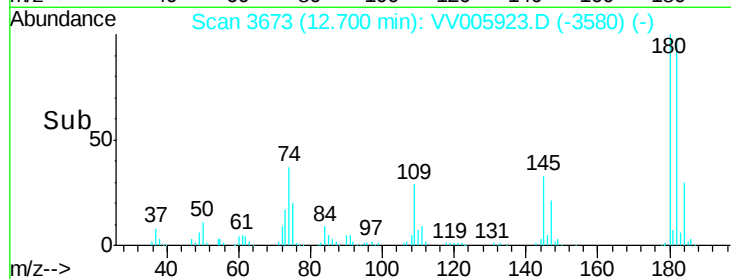
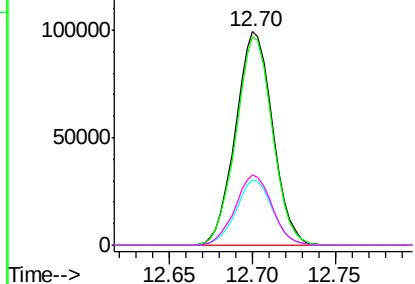


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

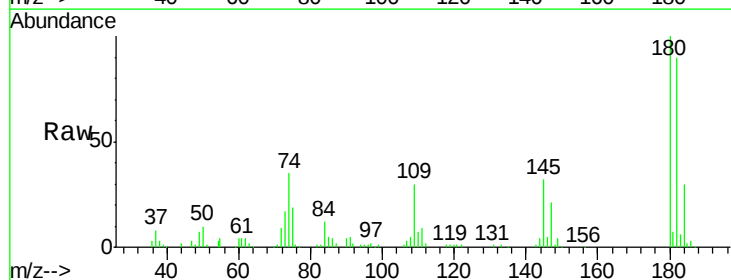
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 4.86 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. -0.00 min
 Lab File: VV005923.D
 Acq: 15 May 2018 18:42

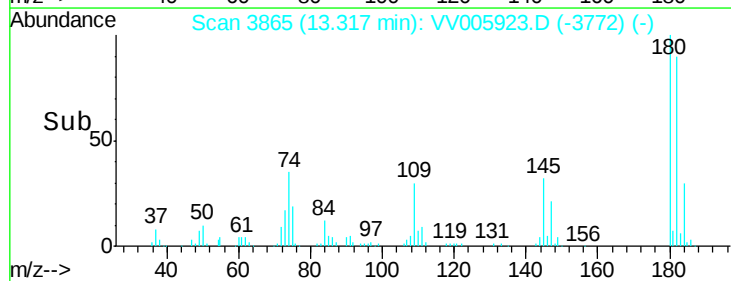
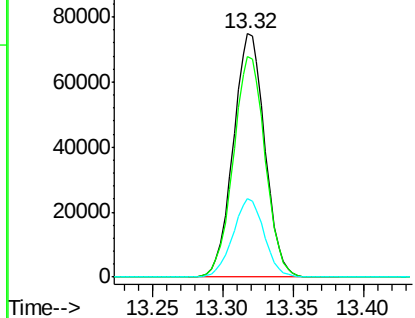
Tgt Ion:	180	Resp:	116919
Ion	Ratio	Lower	Upper
180	100		
182	91.5	76.4	114.6
145	32.0	27.2	40.8

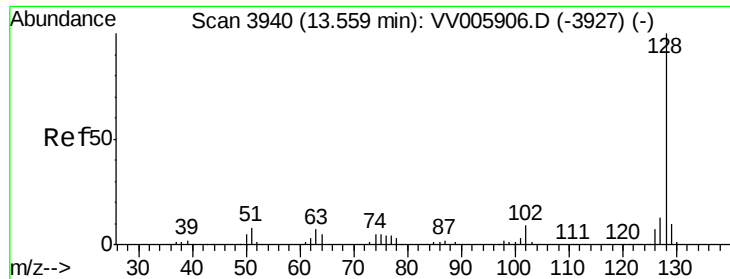


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

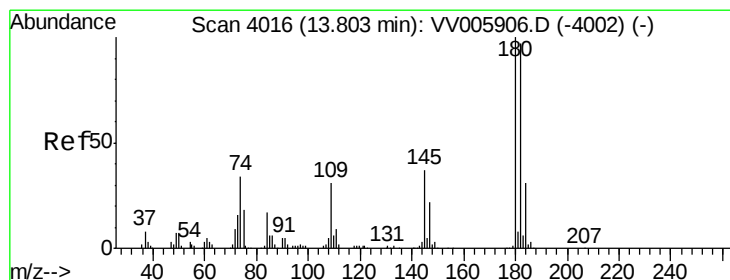
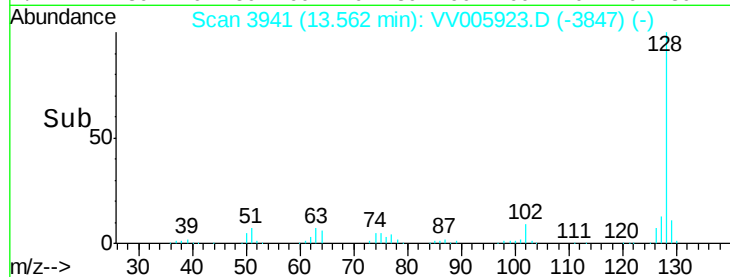
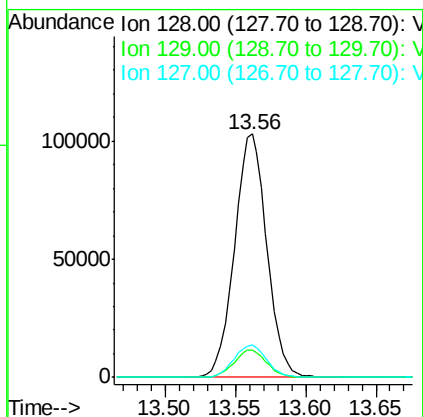
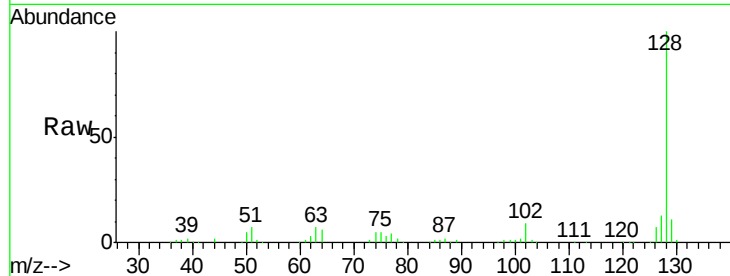
Ion 144.95 (144.65 to 145.65): V





#69
Naphthalene
Concen: 4.30 ug/L
RT: 13.56 min Scan# 3941
Delta R.T. 0.00 min
Lab File: VV005923.D
Acq: 15 May 2018 18:42

Tgt Ion:128 Resp: 165193
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.5 10.8 16.2



#70
1,2,3-Trichlorobenzene
Concen: 4.81 ug/L
RT: 13.80 min Scan# 4016
Delta R.T. -0.00 min
Lab File: VV005923.D
Acq: 15 May 2018 18:42

Tgt Ion:180 Resp: 110523
Ion Ratio Lower Upper
180 100
182 96.0 75.8 113.6
145 36.3 28.0 42.0

