

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV051518\
 Data File : VV005906.D
 Acq On : 15 May 2018 09:55
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 03:02:11 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 12 00:49:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	365732	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	357581	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	166840	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	139692	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.58	69	111196	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.14	63	270786	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	3.95	46	245089	44.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.76%
24) Chloroform-d	4.41	84	247775	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.09	65	132159	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.10	84	492160	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.12	67	148282	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.36	98	483140	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	7.67	79	55730	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.14	63	181374	39.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	96245	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	156605	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	186663	5.18	ug/L 91
3) Chloromethane	1.26	50	149730	4.46	ug/L 98
5) Vinyl chloride	1.33	62	165213	4.63	ug/L 100
6) Bromomethane	1.54	94	57332	3.60	ug/L 97
8) Chloroethane	1.60	64	102308	4.79	ug/L 97
9) Trichlorofluoromethane	1.77	101	245915	4.69	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	140810	4.91	ug/L 99
12) 1,1-Dichloroethene	2.15	96	123472	4.72	ug/L 81
13) Acetone	2.19	43	191733	41.46	ug/L 95
14) Carbon disulfide	2.32	76	348711	4.05	ug/L 100
15) Methyl Acetate	2.47	43	55069	4.54	ug/L 94
16) Methylene chloride	2.54	84	133760	4.61	ug/L 96
17) Methyl tert-butyl Ether	2.82	73	301245	4.63	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	134108	4.66	ug/L 98
19) 1,1-Dichloroethane	3.23	63	271653	4.87	ug/L 99
21) 2-Butanone	4.04	43	309796	49.30	ug/L 95
22) cis-1,2-Dichloroethene	3.97	96	150892	5.35	ug/L 100

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV051518\
 Data File : VV005906.D
 Acq On : 15 May 2018 09:55
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

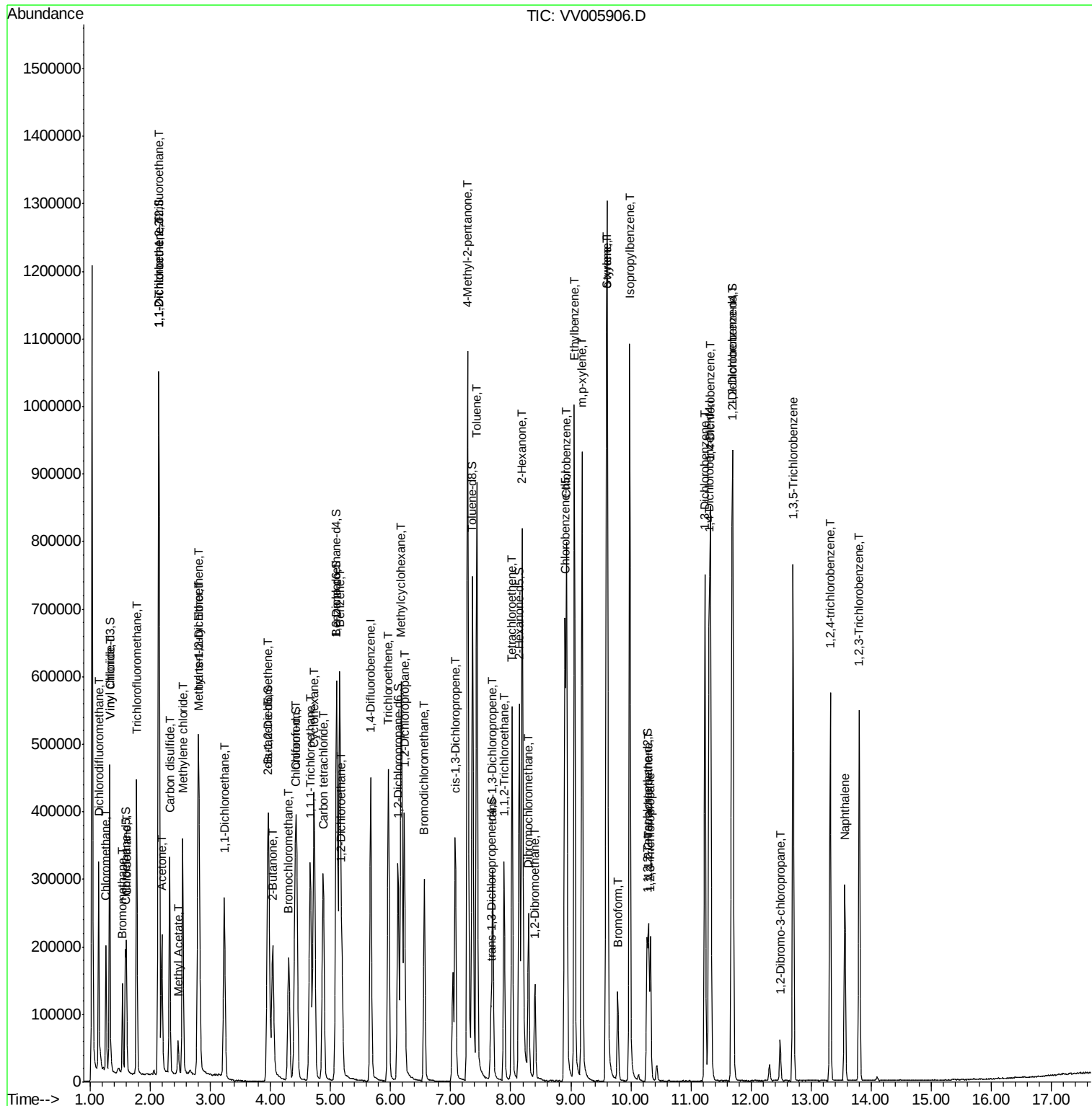
Quant Time: May 16 03:02:11 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 12 00:49:29 2018
 Response via : Initial Calibration

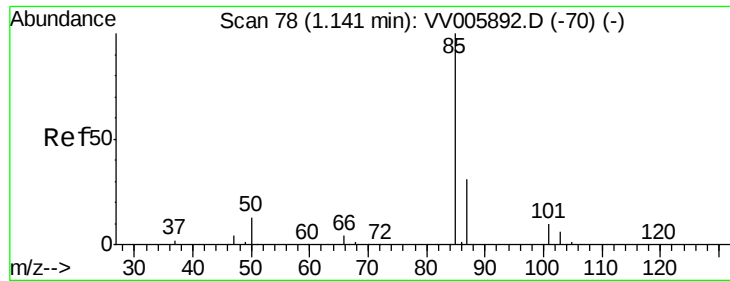
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	60184	5.07	ug/L	95
25) Chloroform	4.44	83	307727	5.25	ug/L	97
27) 1,2-Dichloroethane	5.19	62	172808	4.89	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	255984	5.51	ug/L	98
30) Cyclohexane	4.73	56	209469	5.30	ug/L	100
31) Carbon tetrachloride	4.88	117	226647	5.42	ug/L	99
33) Benzene	5.15	78	580445	5.58	ug/L	100
34) Trichloroethene	5.96	95	157371	5.32	ug/L	99
35) Methylcyclohexane	6.18	83	221196	5.31	ug/L	97
37) 1,2-Dichloropropane	6.23	63	144972	5.63	ug/L	100
38) Bromodichloromethane	6.56	83	193632	5.36	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	198912	5.34	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	769395	48.22	ug/L	98
42) Toluene	7.44	91	638669	5.60	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	162319	5.24	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	96891	5.05	ug/L	99
47) Tetrachloroethene	8.02	164	115761	5.57	ug/L	98
48) 2-Hexanone	8.19	43	560488	47.56	ug/L	98
49) Dibromochloromethane	8.30	129	118842	5.34	ug/L	99
50) 1,2-Dibromoethane	8.40	107	87764	4.94	ug/L	94
51) Chlorobenzene	8.93	112	409393	5.47	ug/L	98
52) Ethylbenzene	9.06	91	684605	5.55	ug/L	98
53) m,p-xylene	9.19	106	257333	5.71	ug/L	100
54) o-xylene	9.59	106	247481	5.70	ug/L	97
55) Styrene	9.61	104	430879	5.95	ug/L	96
56) Isopropylbenzene	9.98	105	682695	5.84	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	103958	4.90	ug/L	98
59) 1,2,3-Trichloropropane	10.33	75	85704	5.01	ug/L	100
61) Bromoform	9.78	173	55160	5.08	ug/L	94
62) 1,3-Dichlorobenzene	11.23	146	290930	5.37	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	301084	5.33	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	288035	5.40	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	15703	4.44	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	215113	5.46	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	158912	5.40	ug/L	99
69) Naphthalene	13.56	128	225182	4.79	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	147581	5.24	ug/L	99

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

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV051518\
Data File : VV005906.D
Acq On : 15 May 2018 09:55
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 03:02:11 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR050518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 12 00:49:29 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 5.18 ug/L

RT: 1.14 min Scan# 78

Delta R.T. 0.00 min

Lab File: VV005906.D

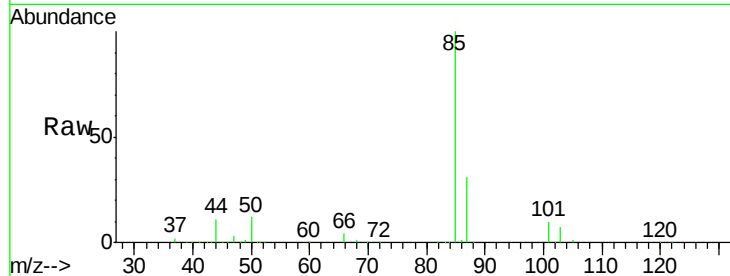
Acq: 15 May 2018 09:55

Tgt Ion: 85 Resp: 186663

Ion Ratio Lower Upper

85 100

87 31.6 21.6 32.4



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

200000

150000

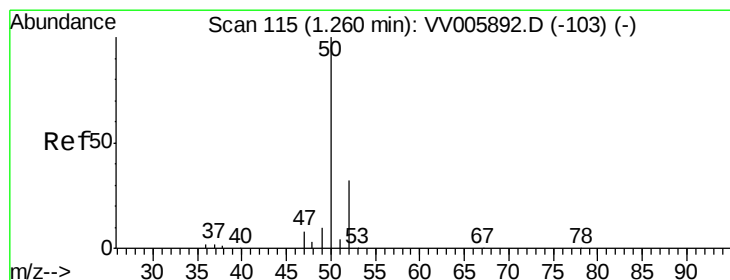
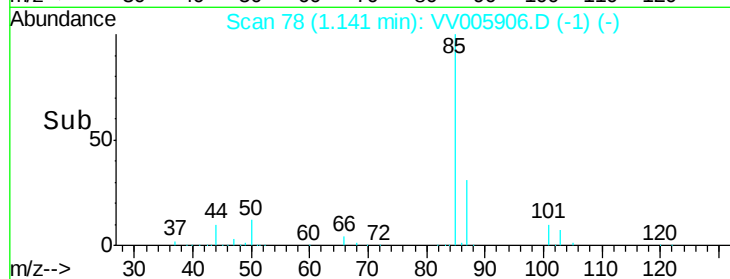
100000

50000

0

1.10 1.15 1.20 1.25

Time-->



#3

Chloromethane

Concen: 4.46 ug/L

RT: 1.26 min Scan# 115

Delta R.T. 0.00 min

Lab File: VV005906.D

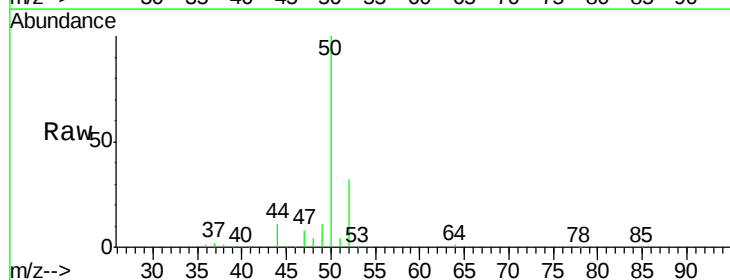
Acq: 15 May 2018 09:55

Tgt Ion: 50 Resp: 149730

Ion Ratio Lower Upper

50 100

52 32.1 21.8 40.6



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

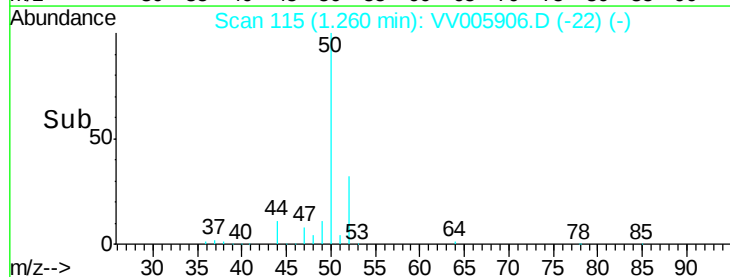
100000

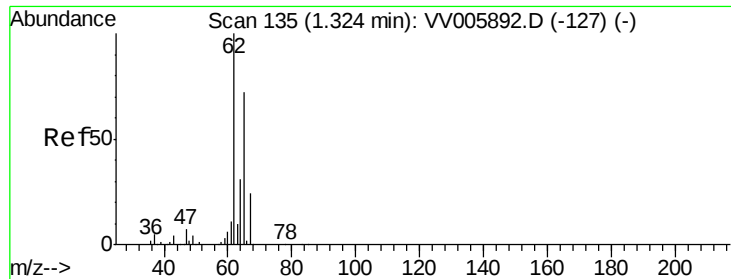
50000

0

1.20 1.25 1.30

Time-->





#5

Vinyl chloride

Concen: 4.63 ug/L

RT: 1.33 min Scan# 136

Delta R.T. 0.00 min

Lab File: VV005906.D

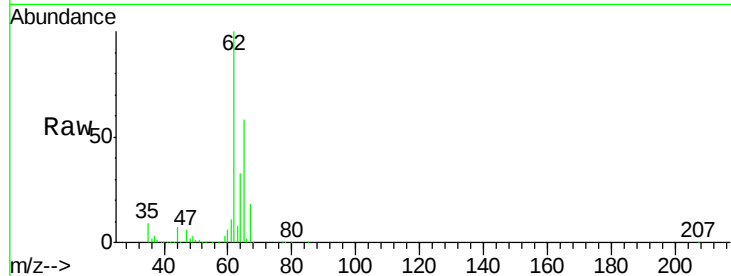
Acq: 15 May 2018 09:55

Tgt Ion: 62 Resp: 165213

Ion Ratio Lower Upper

62 100

64 33.2 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV005892.D (-127) (-)

Ion 64.10 (63.80 to 64.80): VV005892.D (-127) (-)

1.33

150000

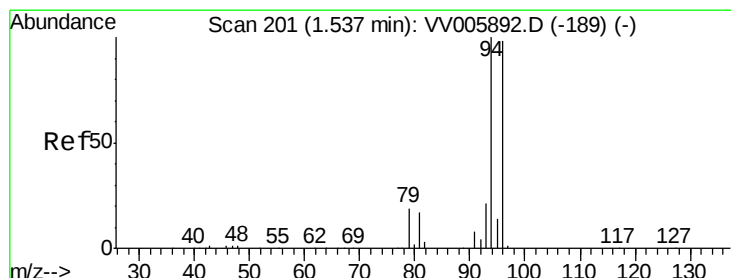
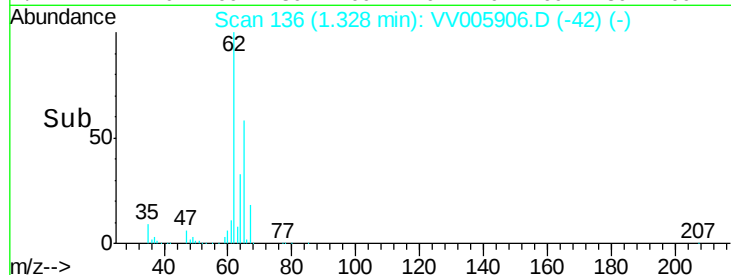
100000

50000

0

1.25 1.30 1.35 1.40 1.45

Time-->



#6

Bromomethane

Concen: 3.60 ug/L

RT: 1.54 min Scan# 201

Delta R.T. 0.00 min

Lab File: VV005906.D

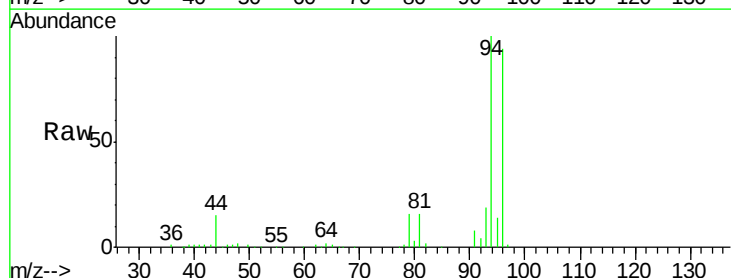
Acq: 15 May 2018 09:55

Tgt Ion: 94 Resp: 57332

Ion Ratio Lower Upper

94 100

96 93.8 68.0 126.2



Abundance Ion 94.00 (93.70 to 94.70): VV005892.D (-189) (-)

Ion 96.00 (95.70 to 96.70): VV005892.D (-189) (-)

1.54

50000

40000

30000

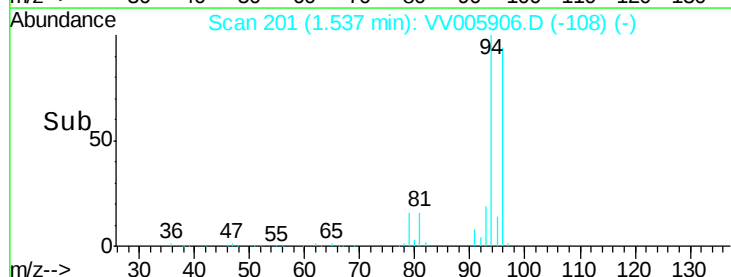
20000

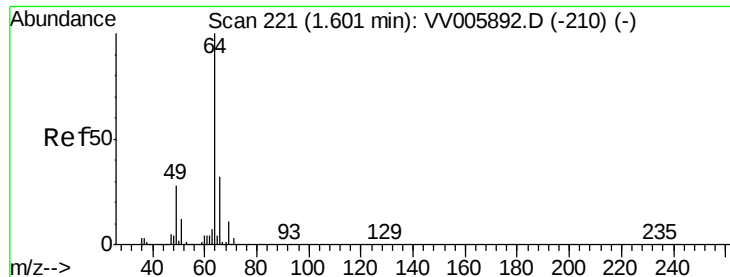
10000

0

1.45 1.50 1.55 1.60 1.65

Time-->





#8

Chloroethane

Concen: 4.79 ug/L

RT: 1.60 min Scan# 222

Delta R.T. 0.00 min

Lab File: VV005906.D

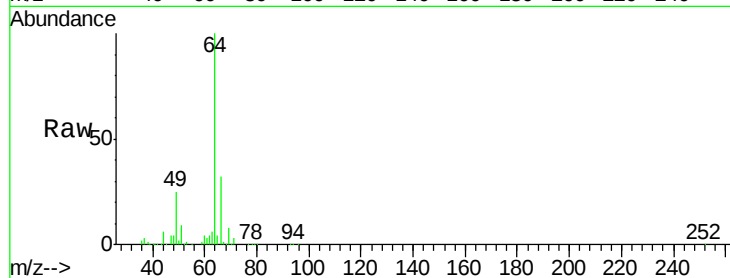
Acq: 15 May 2018 09:55

Tgt Ion: 64 Resp: 102308

Ion Ratio Lower Upper

64 100

66 31.7 23.5 43.7



Abundance Ion 64.10 (63.80 to 64.80): VV005892.D (-210) (-)

Ion 66.05 (65.75 to 66.75): VV005892.D (-210) (-)

1.60

100000

80000

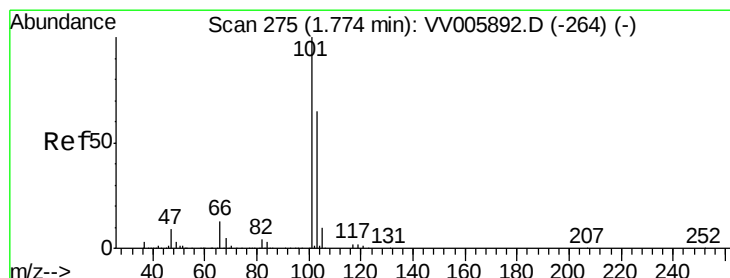
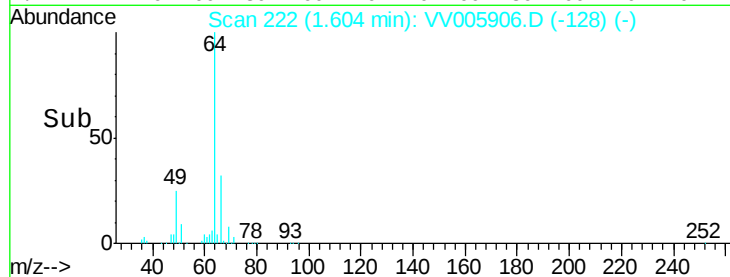
60000

40000

20000

0

Time-->



#9

Trichlorofluoromethane

Concen: 4.69 ug/L

RT: 1.77 min Scan# 275

Delta R.T. 0.00 min

Lab File: VV005906.D

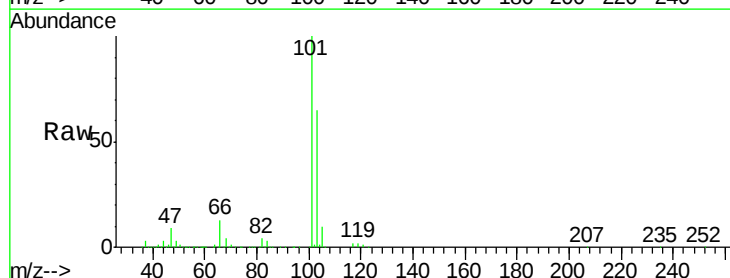
Acq: 15 May 2018 09:55

Tgt Ion: 101 Resp: 245915

Ion Ratio Lower Upper

101 100

103 65.5 51.2 76.8



Abundance Ion 101.00 (100.70 to 101.70): VV005892.D (-264) (-)

Ion 103.00 (102.70 to 103.70): VV005892.D (-264) (-)

1.77

200000

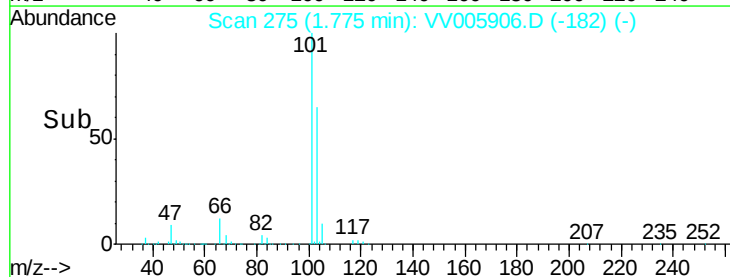
150000

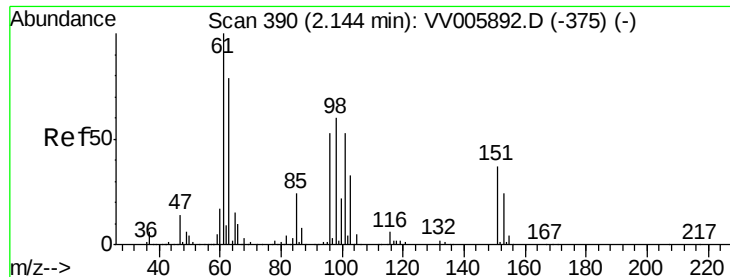
100000

50000

0

Time-->





#10

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

Concen: 4.91 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV005906.D

Acq: 15 May 2018 09:55

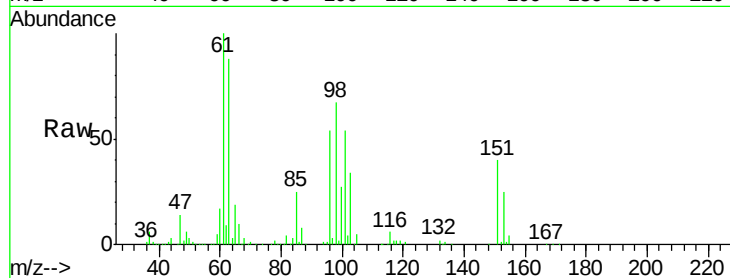
Tgt Ion: 101 Resp: 140810

Ion Ratio Lower Upper

101 100

85 45.4 37.8 56.8

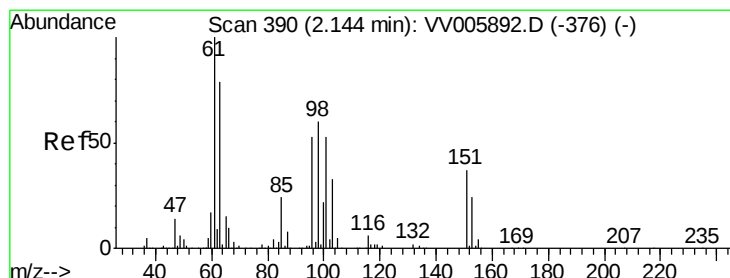
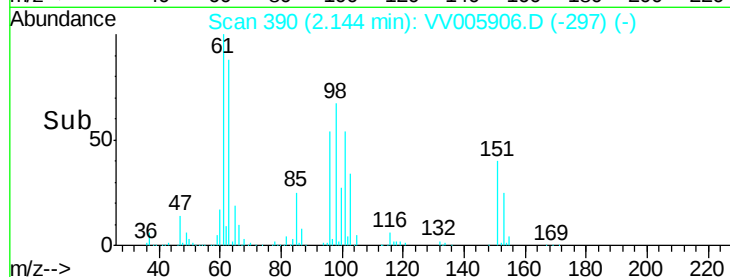
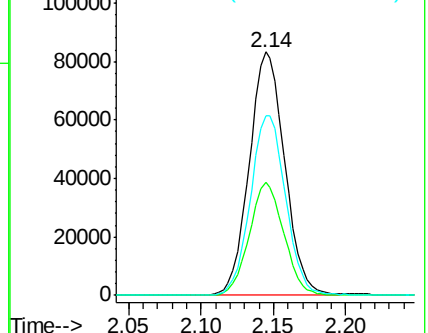
151 73.9 58.9 88.3



Abundance Ion 101.00 (100.70 to 101.70): VV005906.D (-297) (-)

Ion 85.00 (84.70 to 85.70): VV005906.D (-297) (-)

Ion 151.00 (150.70 to 151.70): VV005906.D (-297) (-)



#12

1,1-Dichloroethene

Concen: 4.72 ug/L

RT: 2.15 min Scan# 391

Delta R.T. 0.00 min

Lab File: VV005906.D

Acq: 15 May 2018 09:55

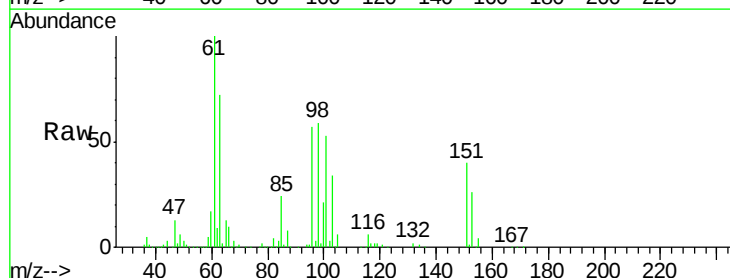
Tgt Ion: 96 Resp: 123472

Ion Ratio Lower Upper

96 100

61 176.3 135.9 252.5

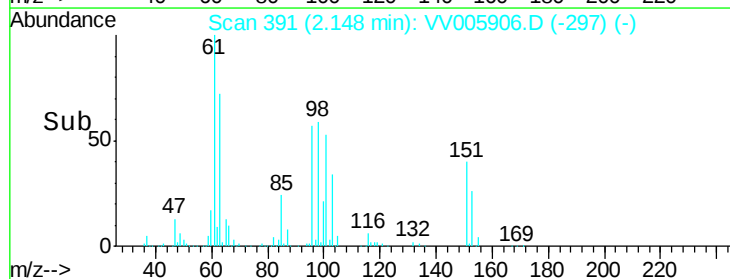
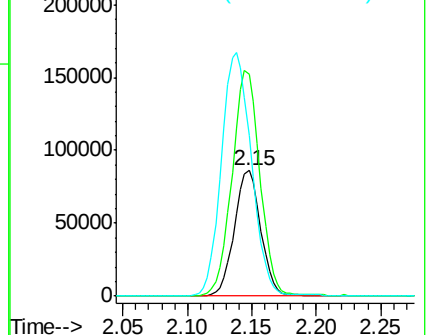
63 127.5 115.5 214.5

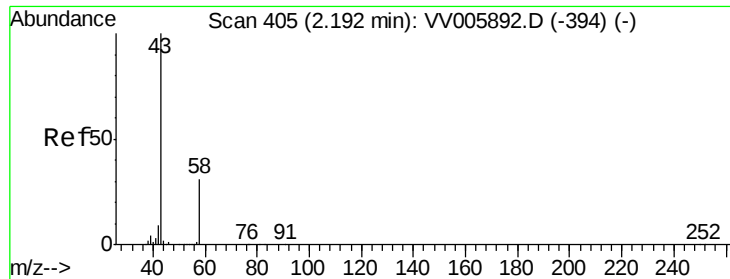


Abundance Ion 96.00 (95.70 to 96.70): VV005906.D (-297) (-)

Ion 61.05 (60.75 to 61.75): VV005906.D (-297) (-)

Ion 63.00 (62.70 to 63.70): VV005906.D (-297) (-)





#13

Acetone

Concen: 41.46 ug/L

RT: 2.19 min Scan# 405

Delta R.T. 0.00 min

Lab File: VV005906.D

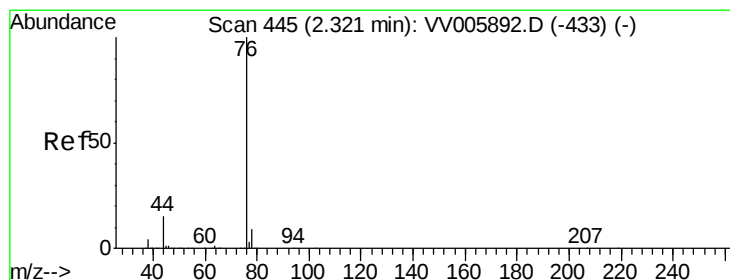
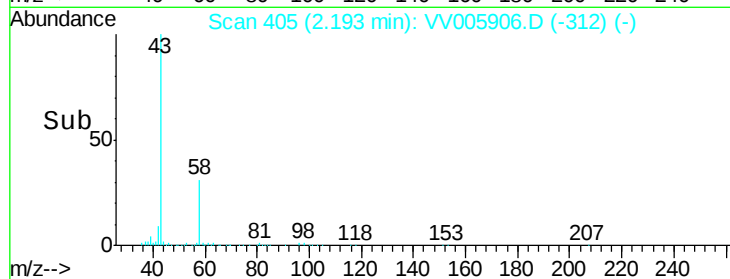
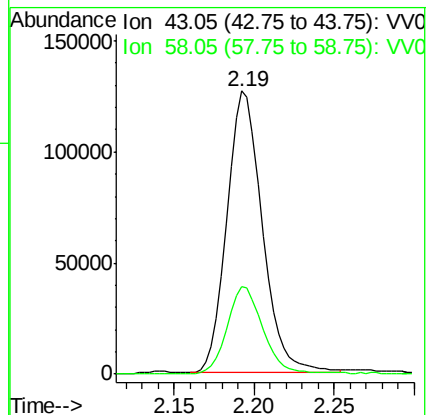
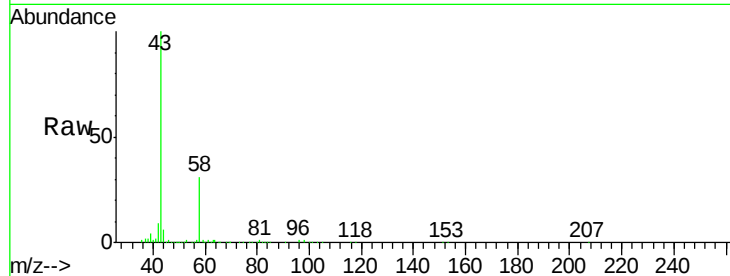
Acq: 15 May 2018 09:55

Tgt Ion: 43 Resp: 191733

Ion Ratio Lower Upper

43 100

58 31.3 0.0 57.8



#14

Carbon disulfide

Concen: 4.05 ug/L

RT: 2.32 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV005906.D

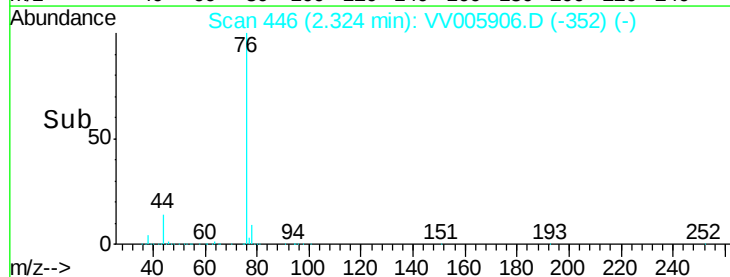
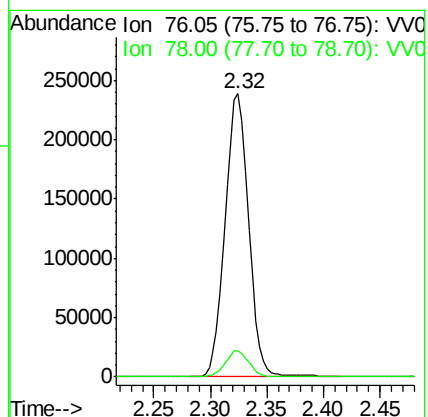
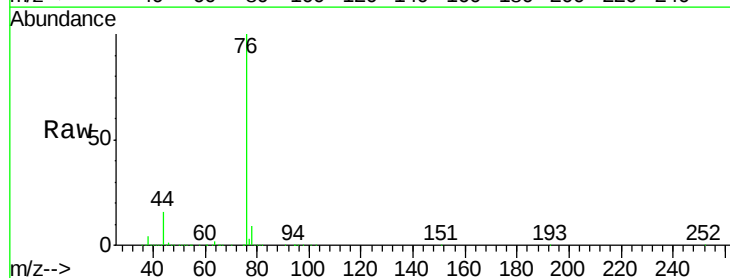
Acq: 15 May 2018 09:55

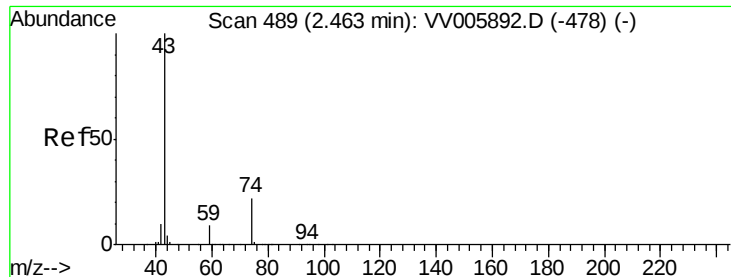
Tgt Ion: 76 Resp: 348711

Ion Ratio Lower Upper

76 100

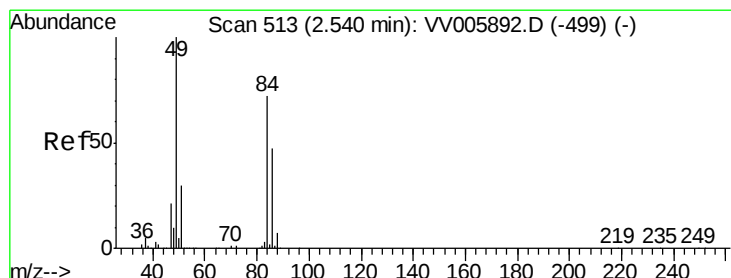
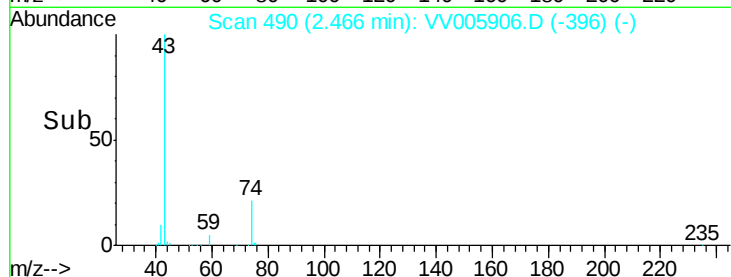
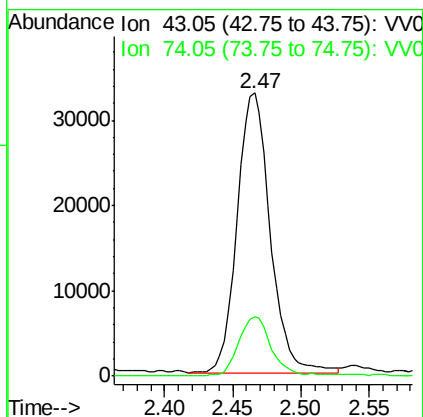
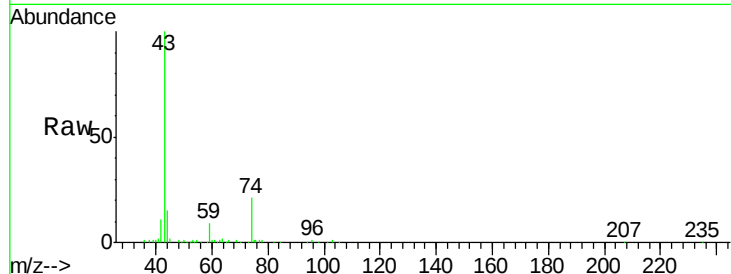
78 9.1 7.4 11.0





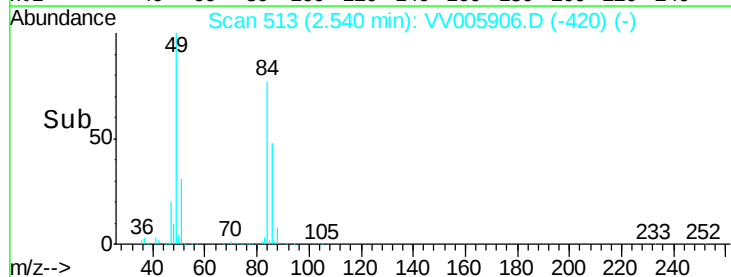
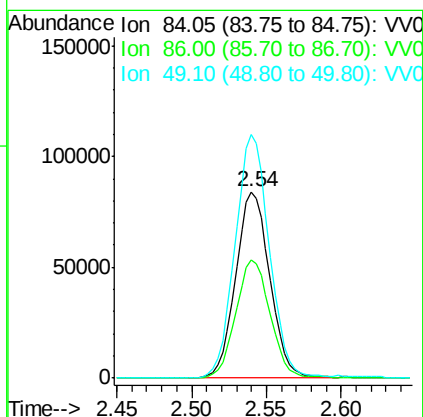
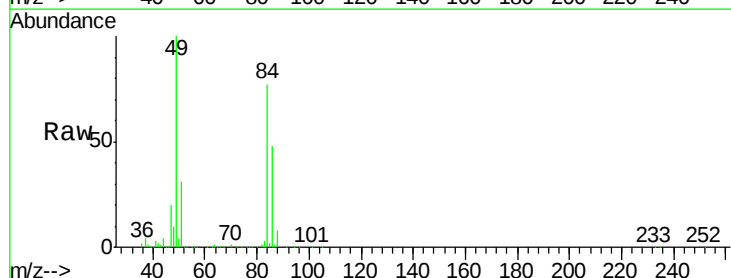
#15
Methyl Acetate
Concen: 4.54 ug/L
RT: 2.47 min Scan# 490
Delta R.T. 0.00 min
Lab File: VV005906.D
Acq: 15 May 2018 09:55

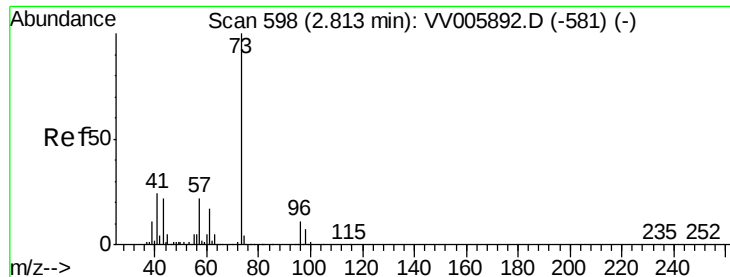
Tgt Ion: 43 Resp: 55069
Ion Ratio Lower Upper
43 100
74 21.3 19.4 29.0



#16
Methylene chloride
Concen: 4.61 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV005906.D
Acq: 15 May 2018 09:55

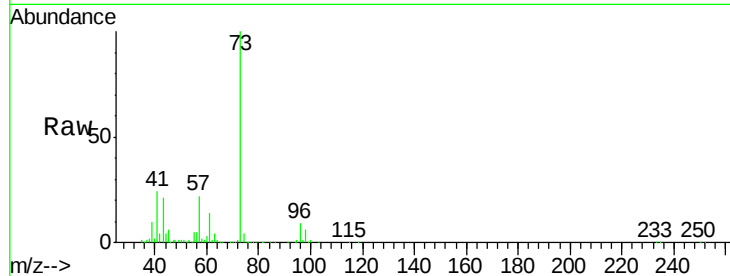
Tgt Ion: 84 Resp: 133760
Ion Ratio Lower Upper
84 100
86 63.2 44.3 82.3
49 130.6 96.5 179.1



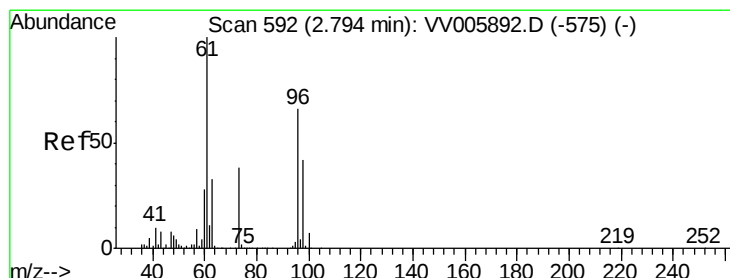
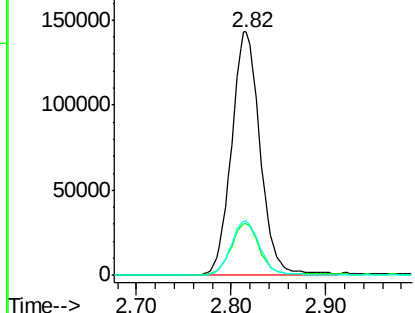
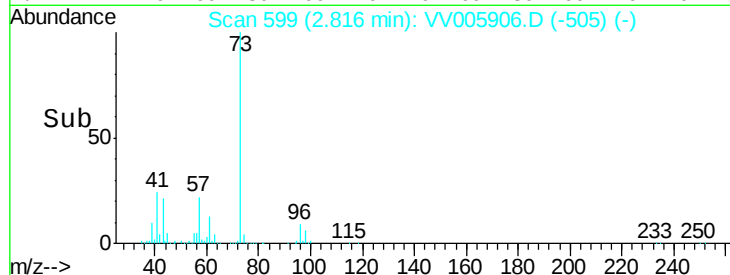


#17
Methyl tert-butyl Ether
Concen: 4.63 ug/L
RT: 2.82 min Scan# 599
Delta R.T. 0.00 min
Lab File: VV005906.D
Acq: 15 May 2018 09:55

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.6	17.0	25.4
57	22.7	18.5	27.7

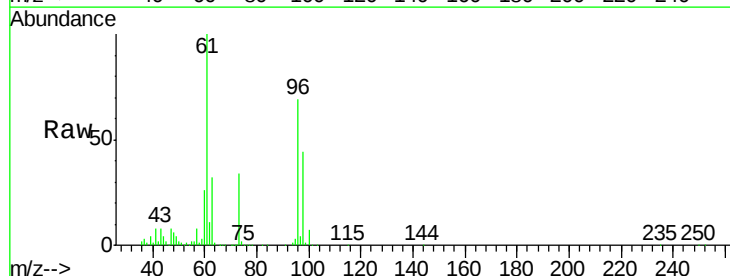


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

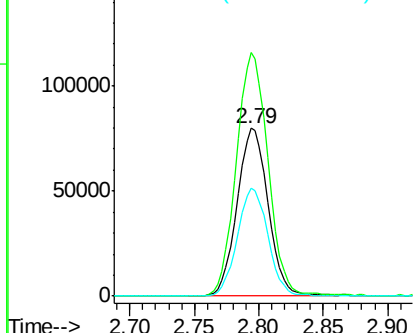
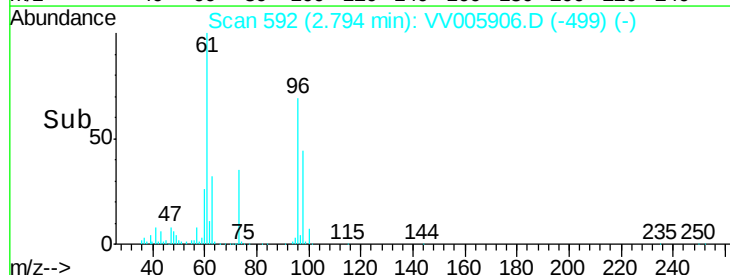


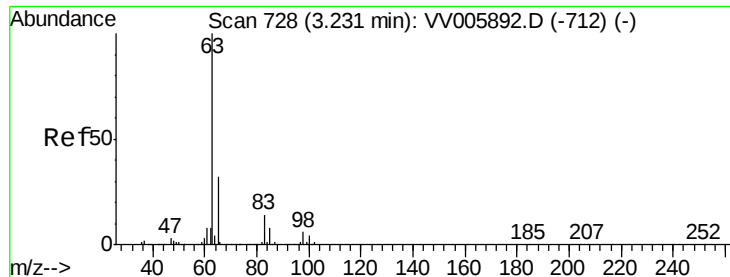
#18
trans-1,2-Dichloroethene
Concen: 4.66 ug/L
RT: 2.79 min Scan# 592
Delta R.T. 0.00 min
Lab File: VV005906.D
Acq: 15 May 2018 09:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.2	104.7	194.4
98	64.2	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: 4.87 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV005906.D

Acq: 15 May 2018 09:55

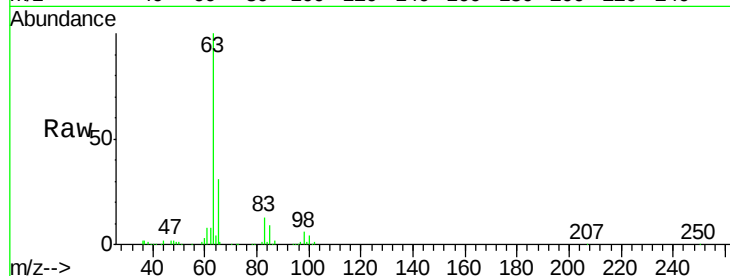
Tgt Ion: 63 Resp: 271653

Ion Ratio Lower Upper

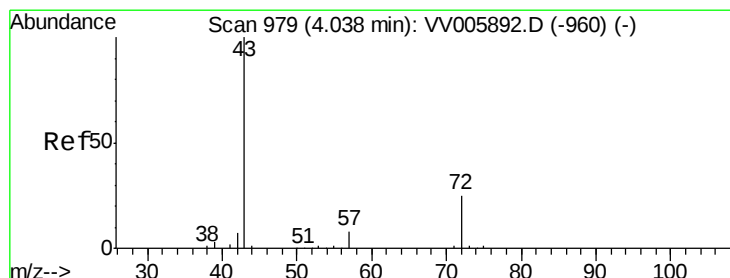
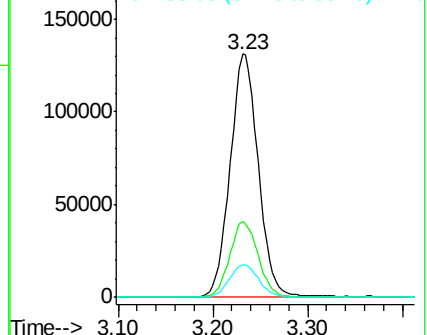
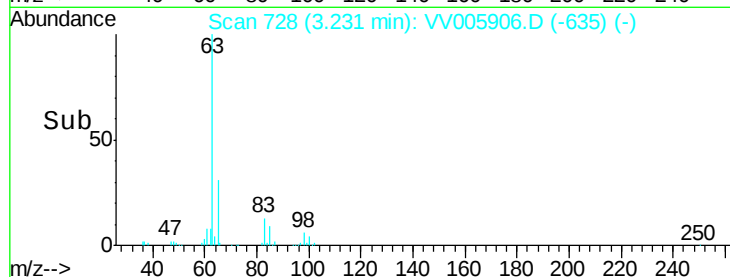
63 100

65 31.0 22.0 40.8

83 13.5 9.2 17.0



Abundance Ion 63.10 (62.80 to 63.80): VV005906.D (-635) (-)



#21

2-Butanone

Concen: 49.30 ug/L

RT: 4.04 min Scan# 979

Delta R.T. 0.00 min

Lab File: VV005906.D

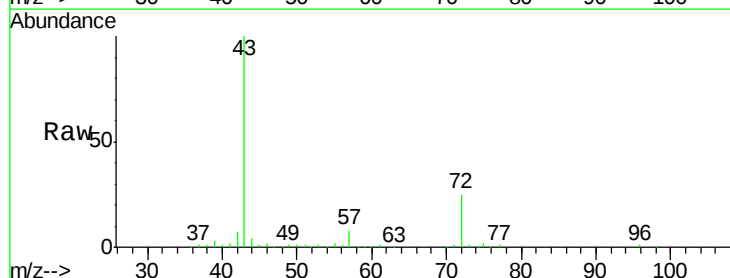
Acq: 15 May 2018 09:55

Tgt Ion: 43 Resp: 309796

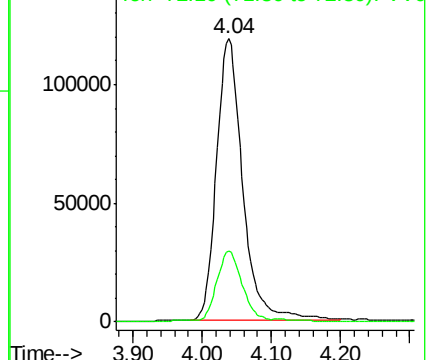
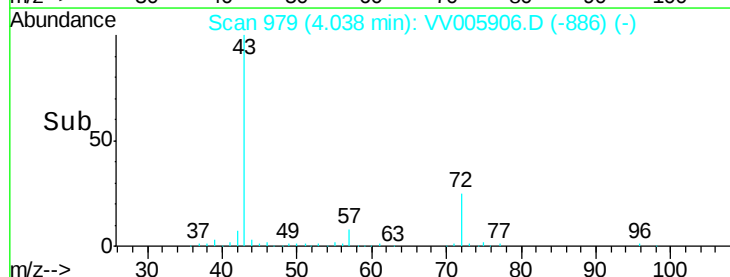
Ion Ratio Lower Upper

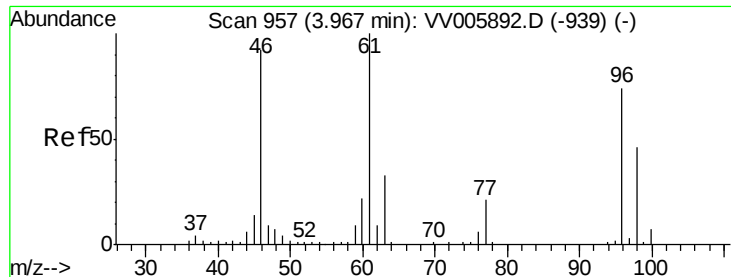
43 100

72 23.7 13.2 39.5



Abundance Ion 43.05 (42.75 to 43.75): VV005906.D (-886) (-)

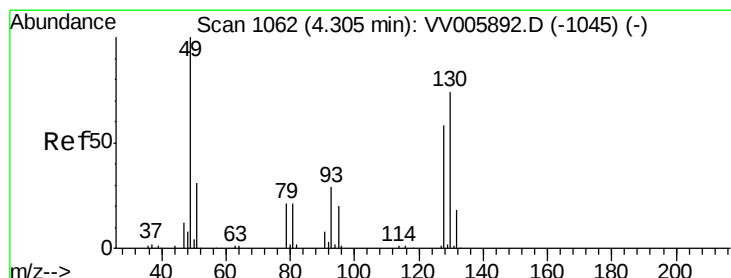
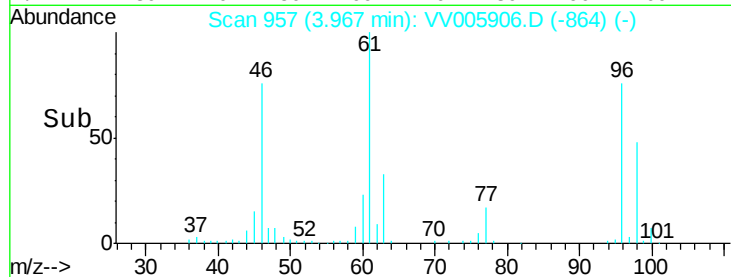
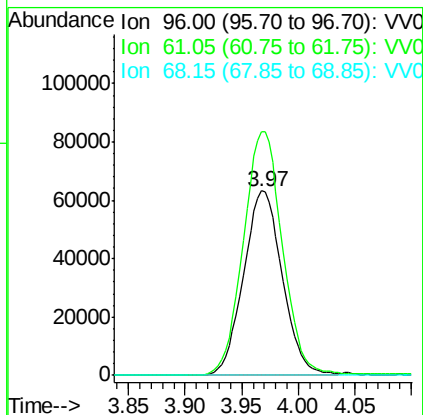
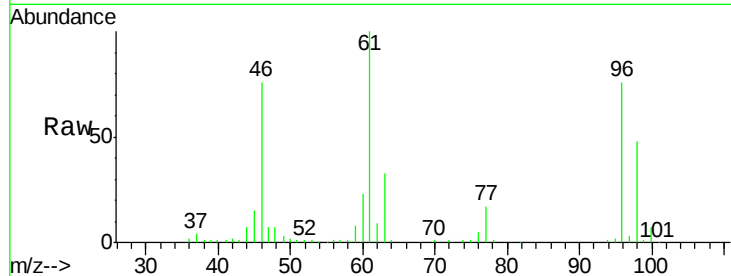




#22

cis-1,2-Dichloroethene
Concen: 5.35 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV005906.D
Acq: 15 May 2018 09:55

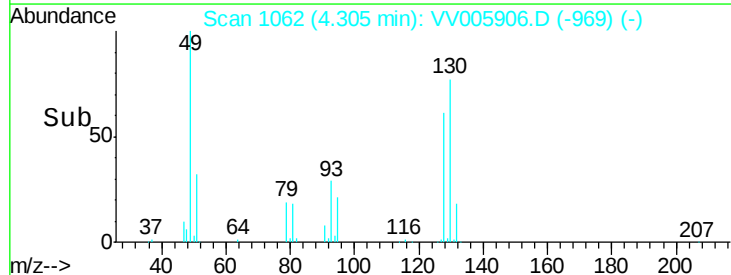
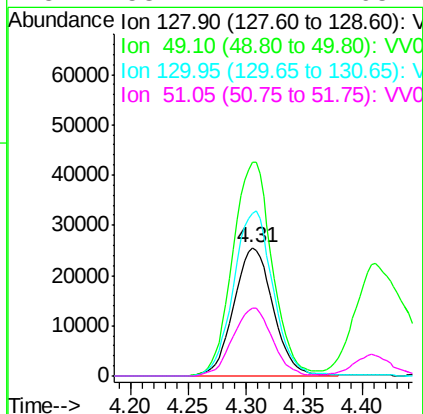
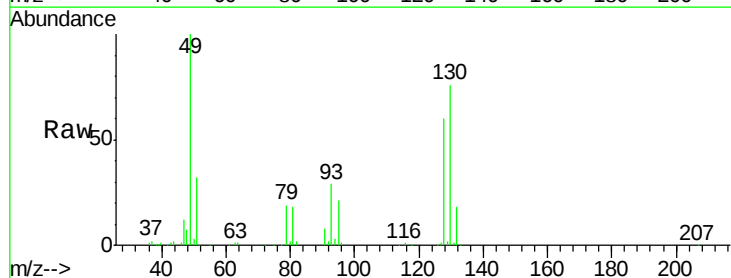
Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.8	91.8	170.6
68	0.0	0.0	0.0

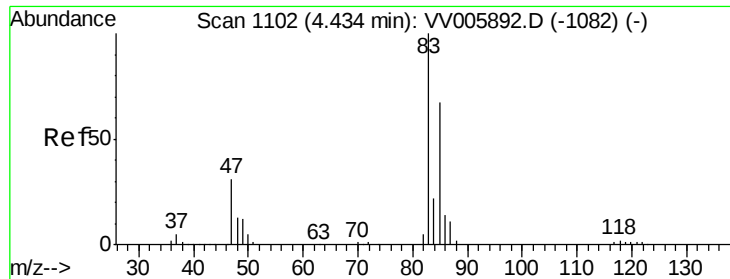


#23

Bromochloromethane
Concen: 5.07 ug/L
RT: 4.31 min Scan# 1062
Delta R.T. 0.00 min
Lab File: VV005906.D
Acq: 15 May 2018 09:55

Tgt Ion	Ratio	Lower	Upper
128	100		
49	166.6	121.7	225.9
130	127.1	93.2	173.0
51	53.4	42.1	63.1





#25

Chloroform

Concen: 5.25 ug/L

RT: 4.44 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VV005906.D

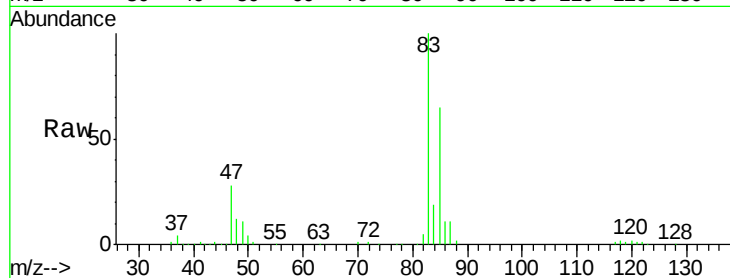
Acq: 15 May 2018 09:55

Tgt Ion: 83 Resp: 307727

Ion Ratio Lower Upper

83 100

85 64.9 47.1 87.5



Abundance Ion 83.05 (82.75 to 83.75): VV005892.D (-1082) (-)

Ion 85.00 (84.70 to 85.70): VV005892.D (-1082) (-)

4.44

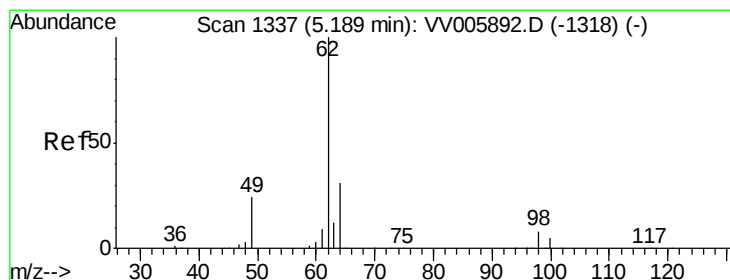
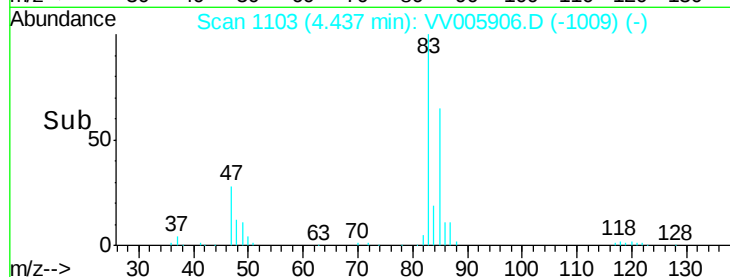
150000

100000

50000

0

Time-->



#27

1,2-Dichloroethane

Concen: 4.89 ug/L

RT: 5.19 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VV005906.D

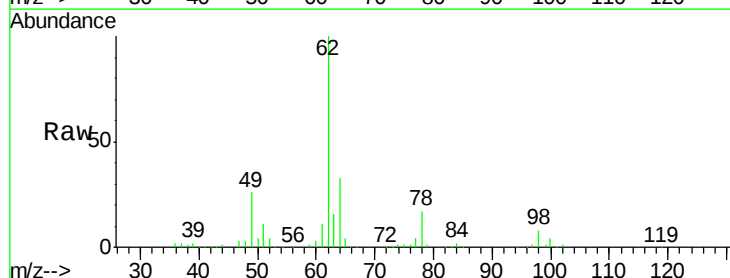
Acq: 15 May 2018 09:55

Tgt Ion: 62 Resp: 172808

Ion Ratio Lower Upper

62 100

98 8.2 6.1 9.1



Abundance Ion 62.00 (61.70 to 62.70): VV005892.D (-1318) (-)

Ion 98.05 (97.75 to 98.75): VV005892.D (-1318) (-)

5.19

80000

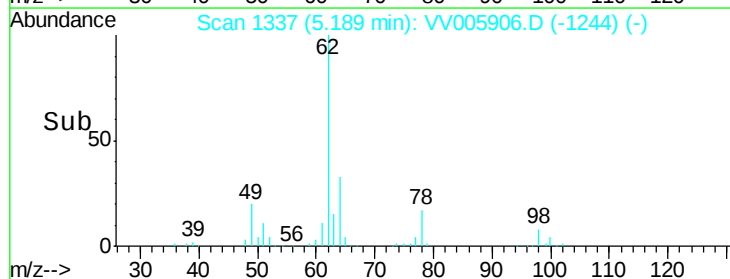
60000

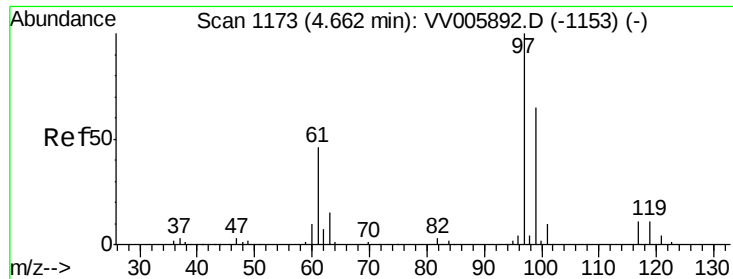
40000

20000

0

Time-->





#29

1,1,1-Trichloroethane

Concen: 5.51 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VV005906.D

Acq: 15 May 2018 09:55

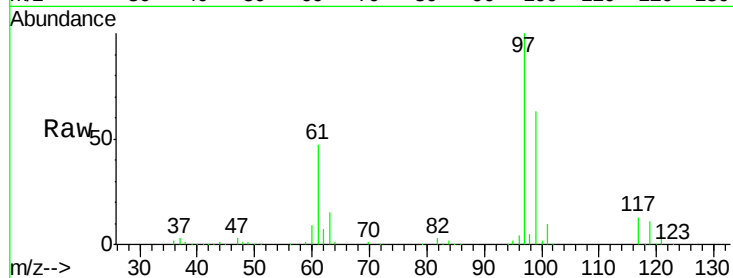
Tgt Ion: 97 Resp: 255984

Ion Ratio Lower Upper

97 100

99 64.0 51.8 77.8

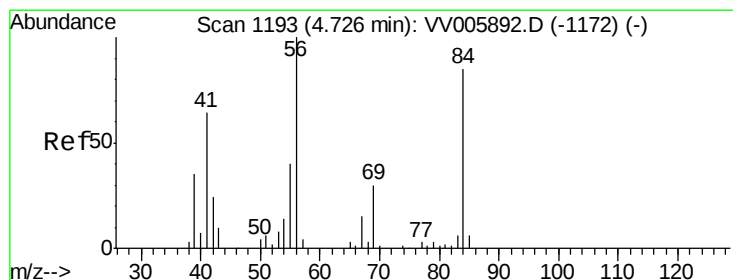
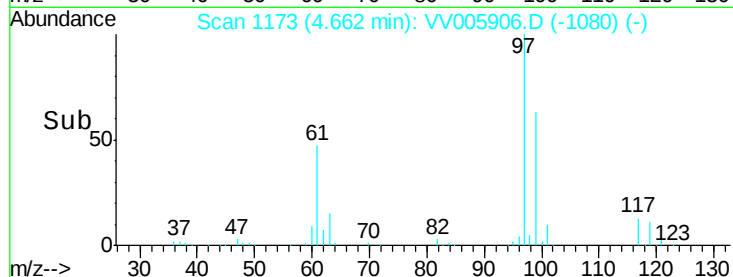
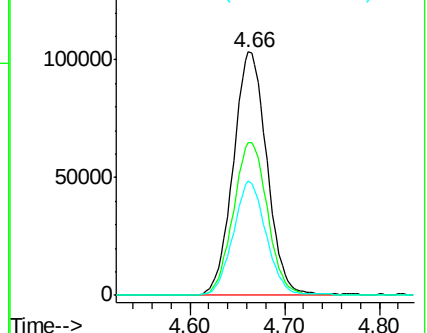
61 46.0 38.9 58.3



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: 5.30 ug/L

RT: 4.73 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VV005906.D

Acq: 15 May 2018 09:55

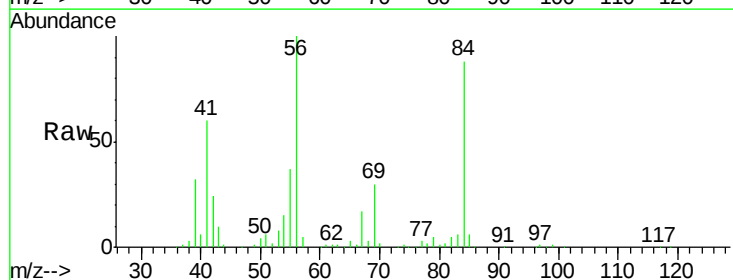
Tgt Ion: 56 Resp: 209469

Ion Ratio Lower Upper

56 100

69 30.7 24.3 36.5

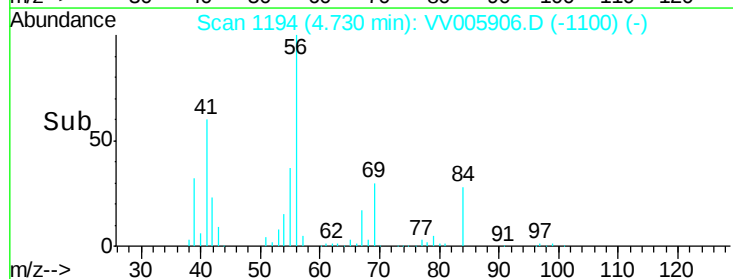
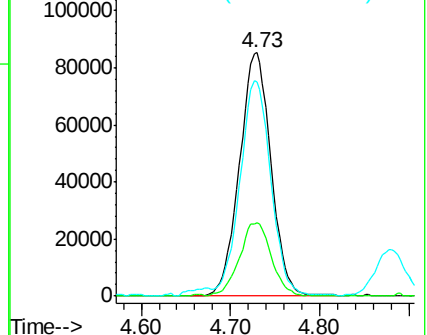
84 86.8 69.4 104.2

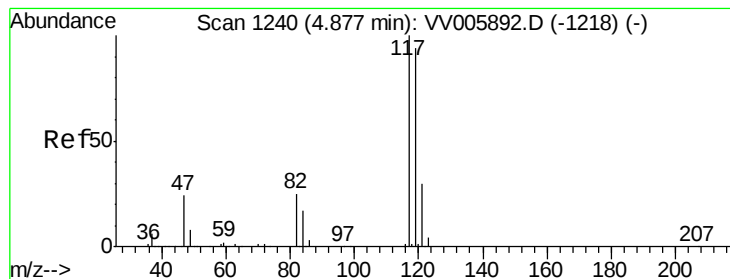


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 5.42 ug/L

RT: 4.88 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VV005906.D

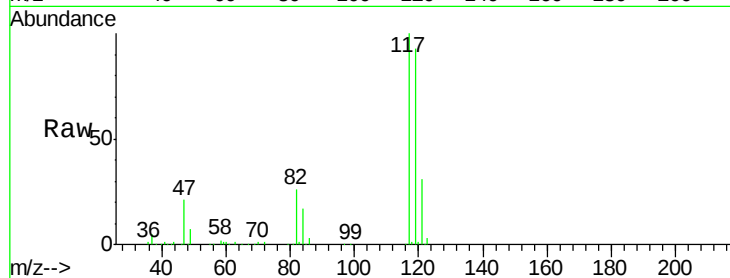
Acq: 15 May 2018 09:55

Tgt Ion: 117 Resp: 226647

Ion Ratio Lower Upper

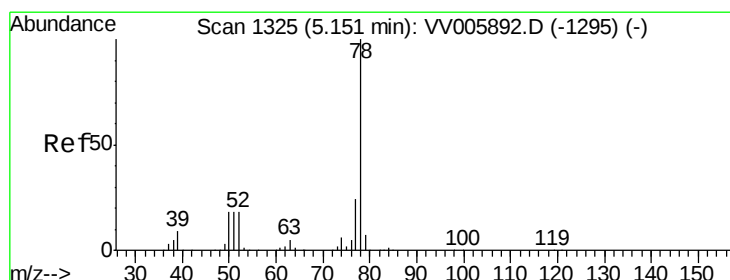
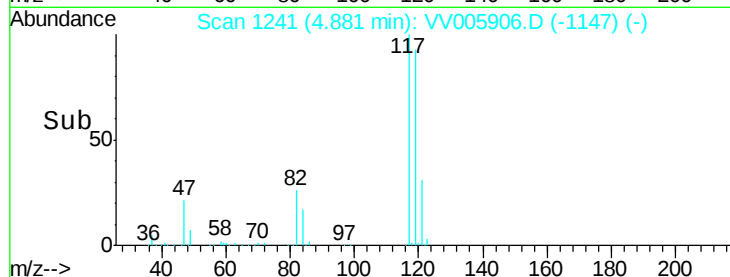
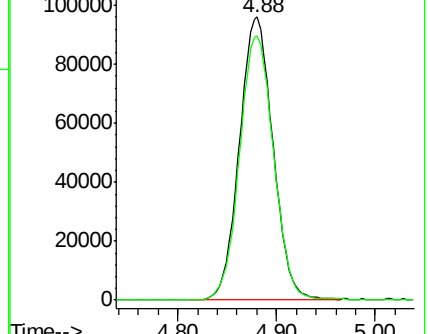
117 100

119 94.6 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: 5.58 ug/L

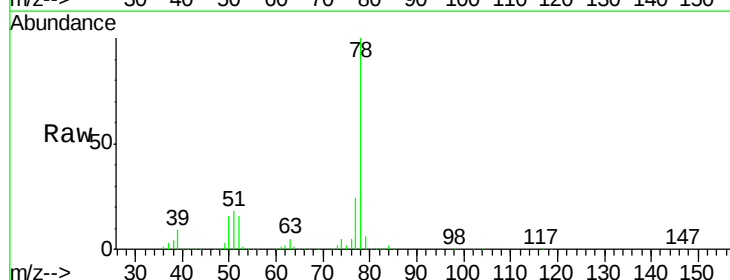
RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV005906.D

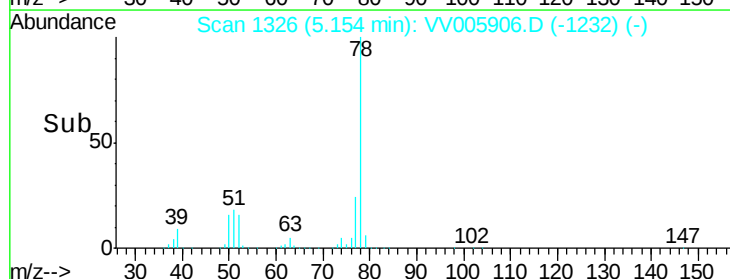
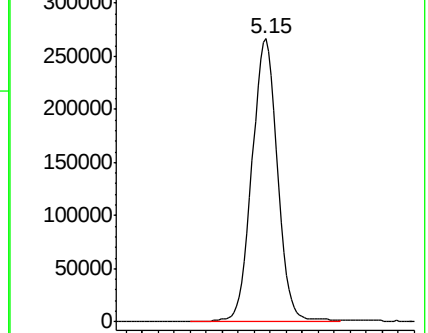
Acq: 15 May 2018 09:55

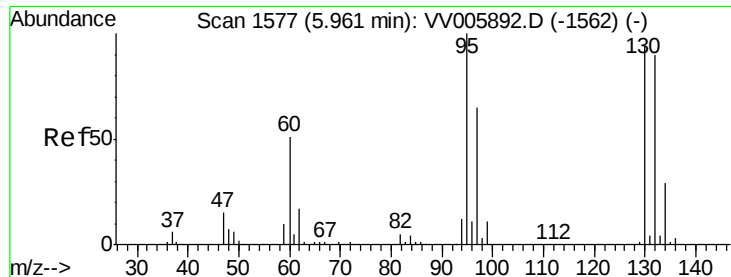
Tgt Ion: 78 Resp: 580445



Abundance Ion 78.10 (77.80 to 78.80): VV0

5.15





#34

Trichloroethene

Concen: 5.32 ug/L

RT: 5.96 min Scan# 1578

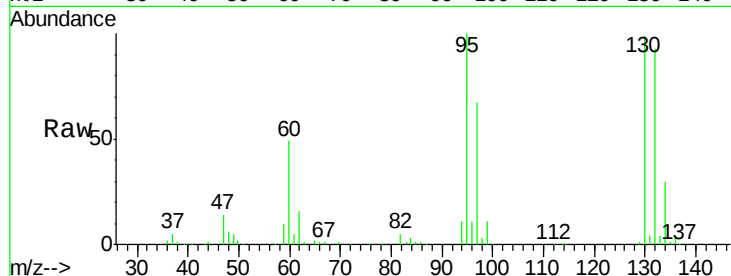
Delta R.T. 0.00 min

Lab File: VV005906.D

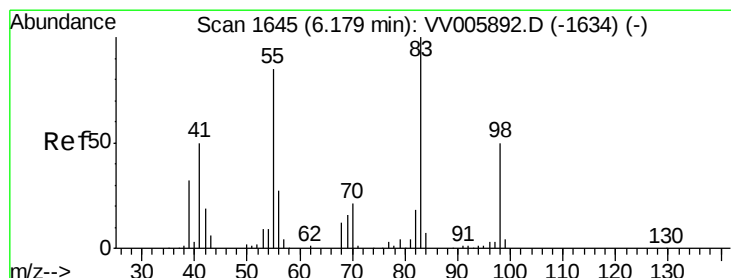
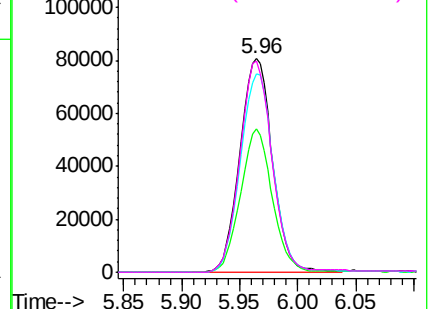
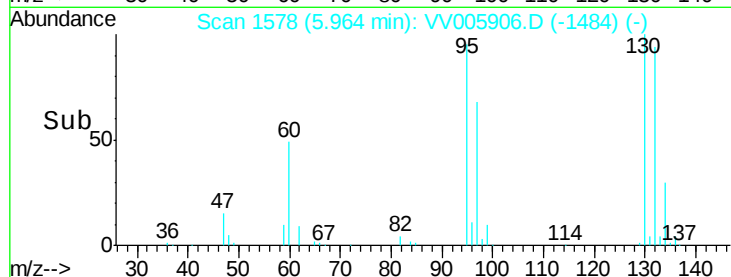
Acq: 15 May 2018 09:55

Tgt Ion: 95 Resp: 157371

Ion	Ratio	Lower	Upper
95	100		
97	67.0	45.6	84.8
132	93.0	64.2	119.2
130	98.7	69.0	128.2



Abundance Ion 95.00 (94.70 to 95.70): VV005906.D (-1552) (-)



#35

Methylcyclohexane

Concen: 5.31 ug/L

RT: 6.18 min Scan# 1645

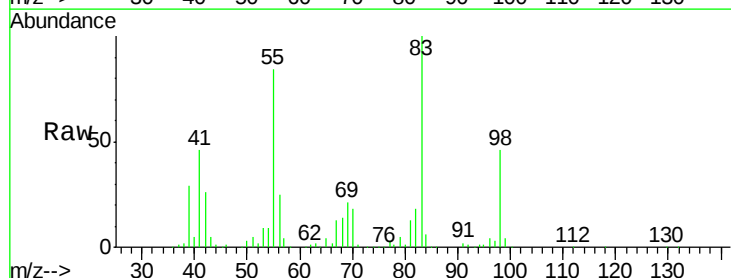
Delta R.T. 0.00 min

Lab File: VV005906.D

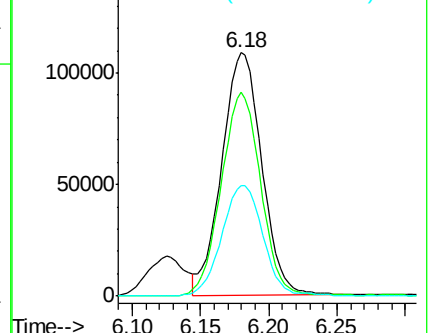
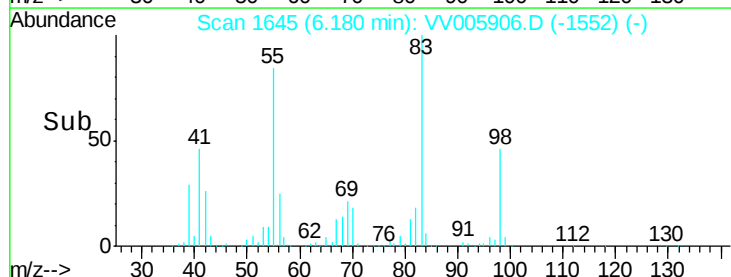
Acq: 15 May 2018 09:55

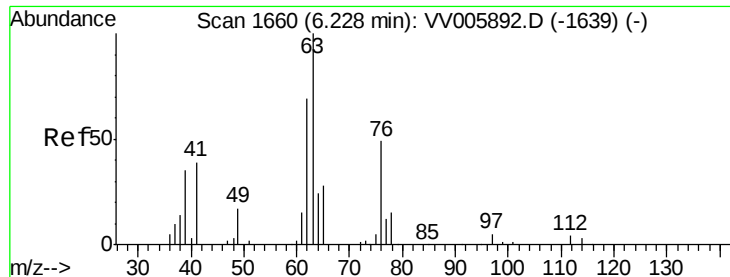
Tgt Ion: 83 Resp: 221196

Ion	Ratio	Lower	Upper
83	100		
55	83.1	64.1	96.1
98	47.4	37.0	55.4



Abundance Ion 83.15 (82.85 to 83.85): VV005906.D (-1552) (-)





#37

1,2-Dichloropropane

Concen: 5.63 ug/L

RT: 6.23 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VV005906.D

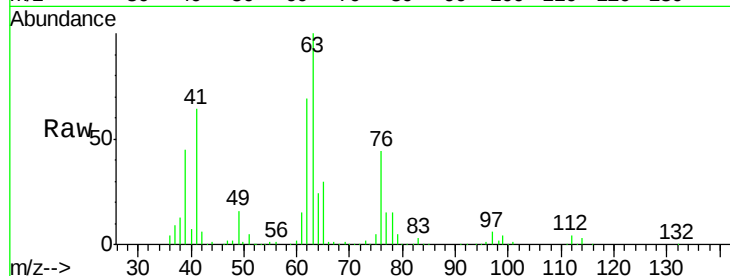
Acq: 15 May 2018 09:55

Tgt Ion: 63 Resp: 144972

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



Abundance Ion 63.10 (62.80 to 63.80): VV005906.D (-1660) (-)

Ion 112.10 (111.80 to 112.80): VV005906.D (-1660) (-)

6.23

80000

60000

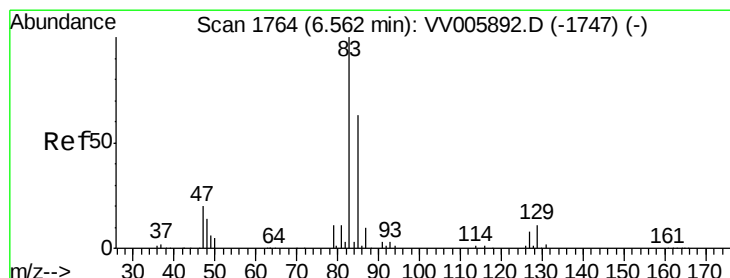
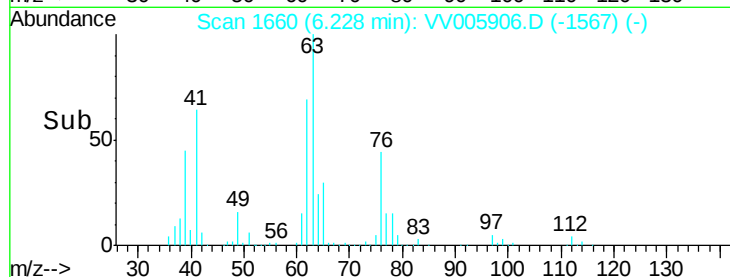
40000

20000

0

6.15 6.20 6.25 6.30 6.35

Time-->



#38

Bromodichloromethane

Concen: 5.36 ug/L

RT: 6.56 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VV005906.D

Acq: 15 May 2018 09:55

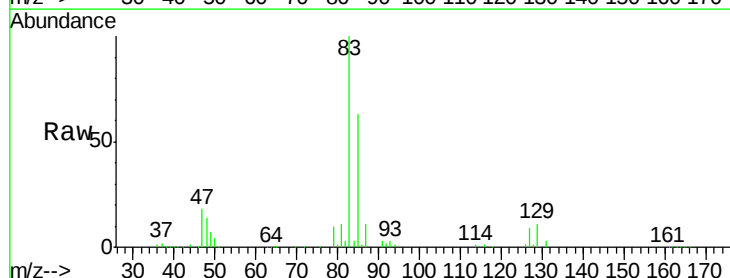
Tgt Ion: 83 Resp: 193632

Ion Ratio Lower Upper

83 100

85 62.8 45.4 84.2

127 8.5 7.4 11.0



Abundance Ion 82.95 (82.65 to 83.65): VV005906.D (-1764) (-)

Ion 85.00 (84.70 to 85.70): VV005906.D (-1764) (-)

Ion 126.90 (126.60 to 127.60): VV005906.D (-1764) (-)

6.56

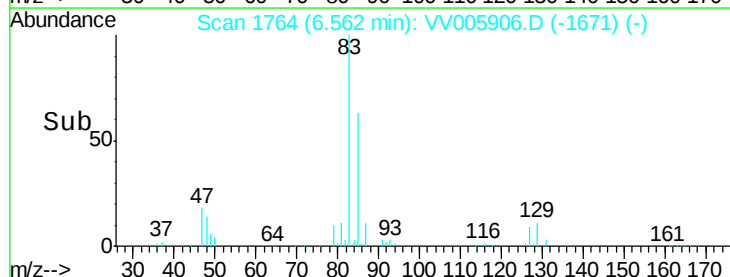
100000

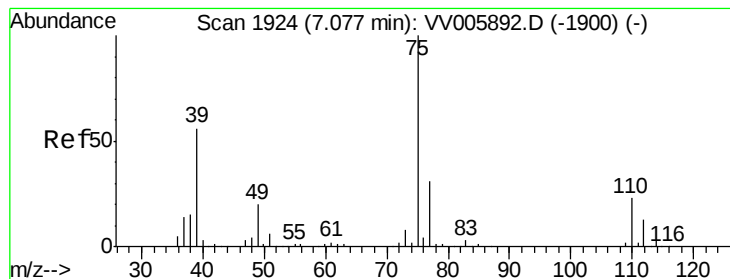
50000

0

6.50 6.55 6.60 6.65 6.70

Time-->





#39

cis-1,3-Dichloropropene

Concen: 5.34 ug/L

RT: 7.08 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VV005906.D

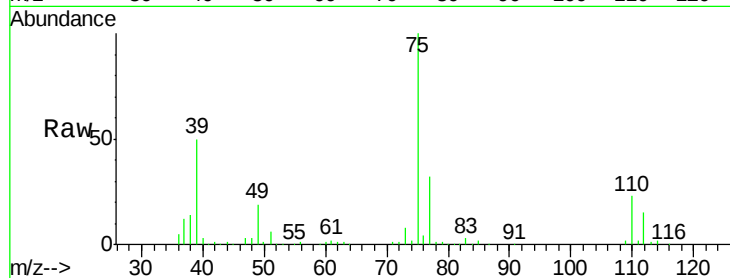
Acq: 15 May 2018 09:55

Tgt Ion: 75 Resp: 198912

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.4



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.08

120000

100000

80000

60000

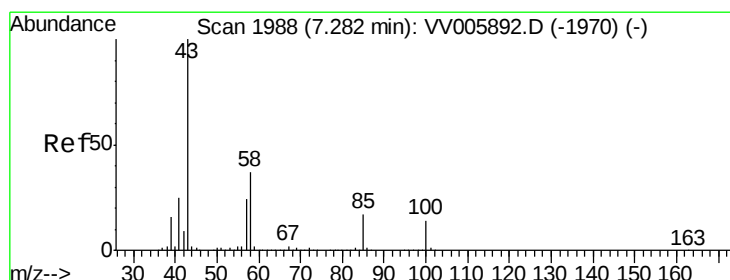
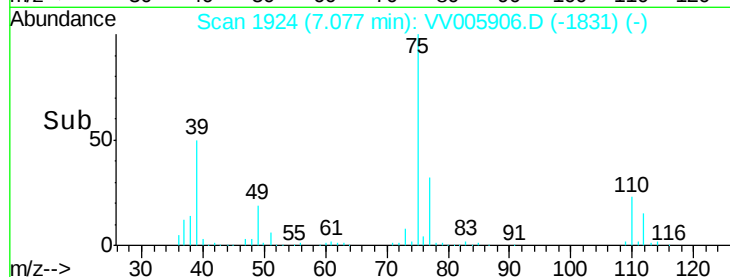
40000

20000

0

Time-->

7.00 7.10 7.20



#40

4-Methyl-2-pentanone

Concen: 48.22 ug/L

RT: 7.28 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VV005906.D

Acq: 15 May 2018 09:55

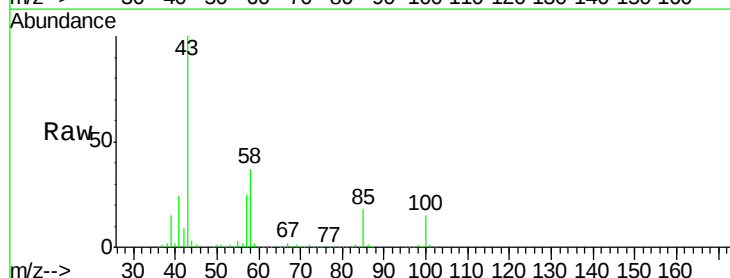
Tgt Ion: 43 Resp: 769395

Ion Ratio Lower Upper

43 100

58 36.5 28.2 42.4

100 13.9 10.2 15.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 100.15 (99.85 to 100.85): VV0

7.28

500000

400000

300000

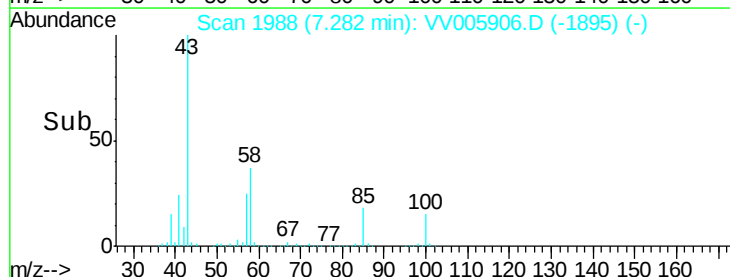
200000

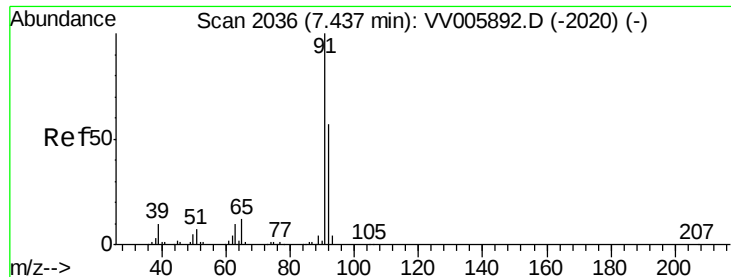
100000

0

Time-->

7.20 7.30 7.40





#42

Toluene

Concen: 5.60 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV005906.D

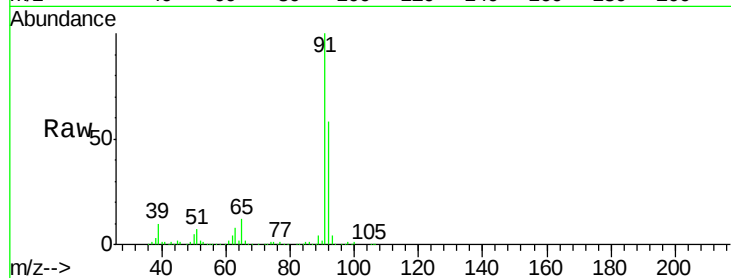
Acq: 15 May 2018 09:55

Tgt Ion: 91 Resp: 638669

Ion Ratio Lower Upper

91 100

92 58.2 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VV005906.D (-2025) (-)

Ion 92.15 (91.85 to 92.85): VV005906.D (-2025) (-)

7.44

400000

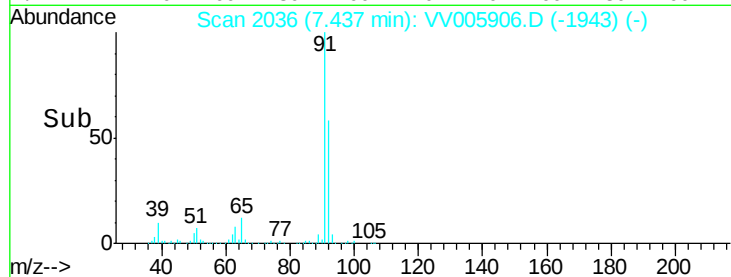
300000

200000

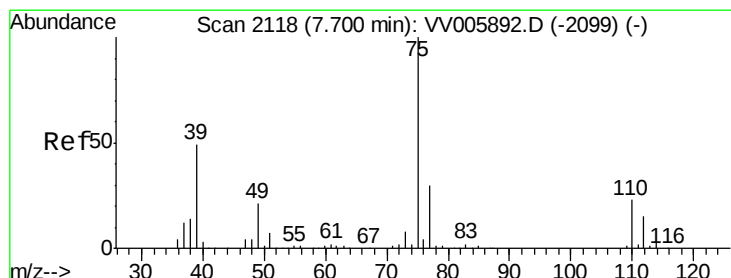
100000

0

Time-->



Time-->



#44

trans-1,3-Dichloropropene

Concen: 5.24 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VV005906.D

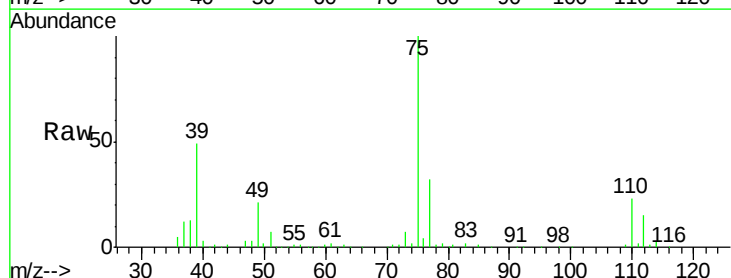
Acq: 15 May 2018 09:55

Tgt Ion: 75 Resp: 162319

Ion Ratio Lower Upper

75 100

77 31.6 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VV005906.D (-2025) (-)

Ion 77.05 (76.75 to 77.75): VV005906.D (-2025) (-)

7.70

100000

80000

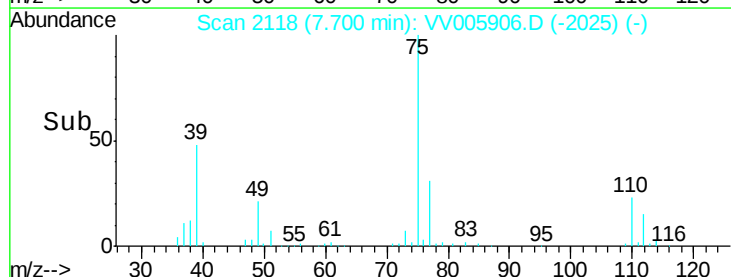
60000

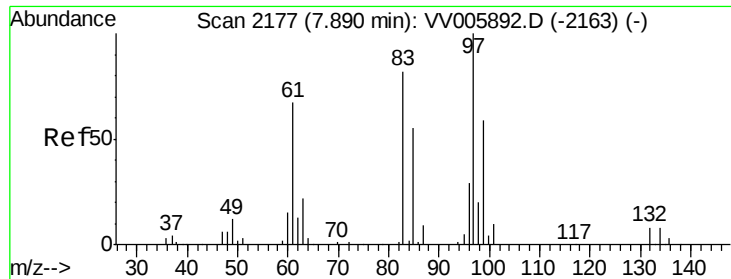
40000

20000

0

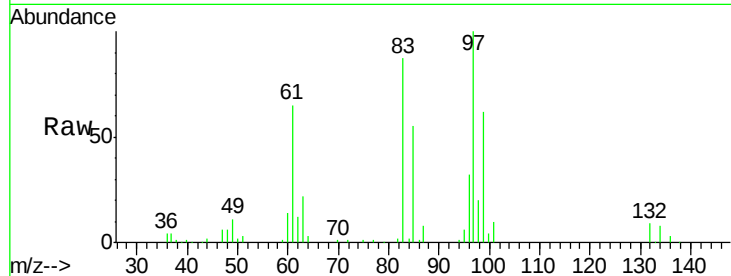
Time-->





#45
 1,1,2-Trichloroethane
 Concen: 5.05 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VV005906.D
 Acq: 15 May 2018 09:55

Tgt Ion:	97	Resp:	96891
Ion	Ratio	Lower	Upper
97	100		
99	62.1	42.4	78.8
83	87.3	61.7	114.7
85	54.8	37.9	70.5

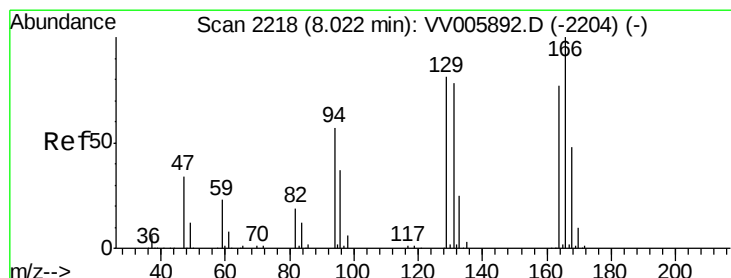
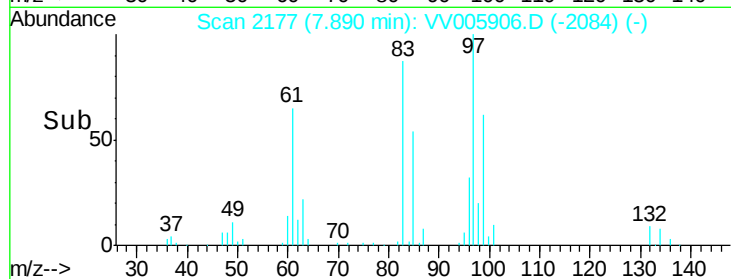
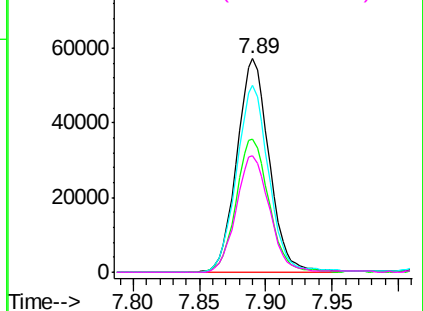


Abundance Ion 96.95 (96.65 to 97.65): VV005906.D (-2084) (-)

Ion 99.05 (98.75 to 99.75): VV005906.D (-2084) (-)

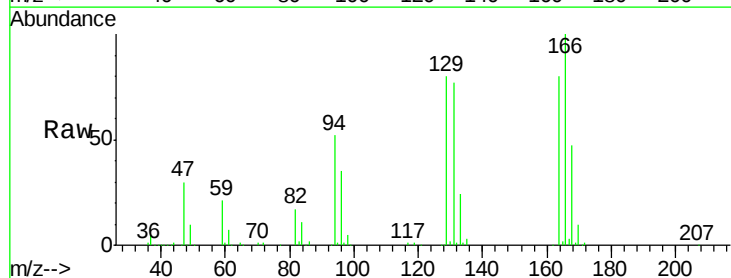
Ion 82.95 (82.65 to 83.65): VV005906.D (-2084) (-)

Ion 85.00 (84.70 to 85.70): VV005906.D (-2084) (-)



#47
 Tetrachloroethene
 Concen: 5.57 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VV005906.D
 Acq: 15 May 2018 09:55

Tgt Ion:	164	Resp:	115761
Ion	Ratio	Lower	Upper
164	100		
129	99.5	71.2	132.2
131	96.1	70.6	131.0
166	124.9	87.8	163.2

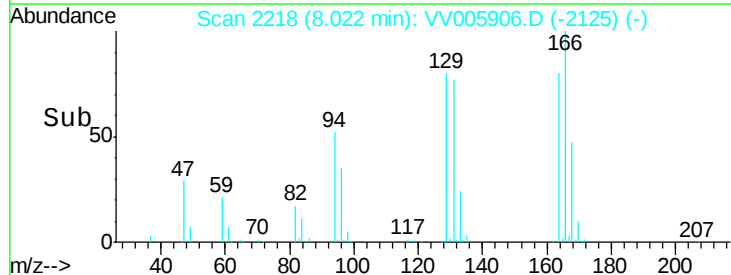
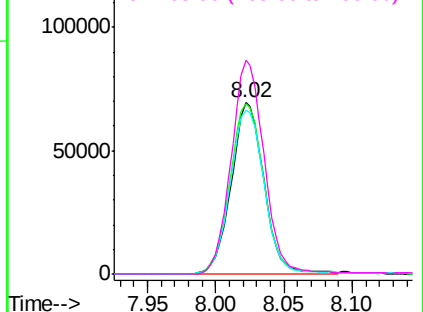


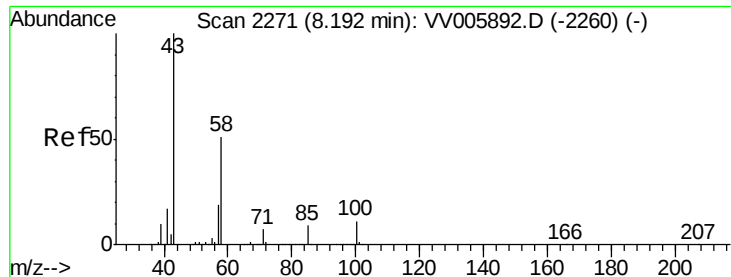
Abundance Ion 163.90 (163.60 to 164.60): VV005906.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VV005906.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VV005906.D (-2125) (-)

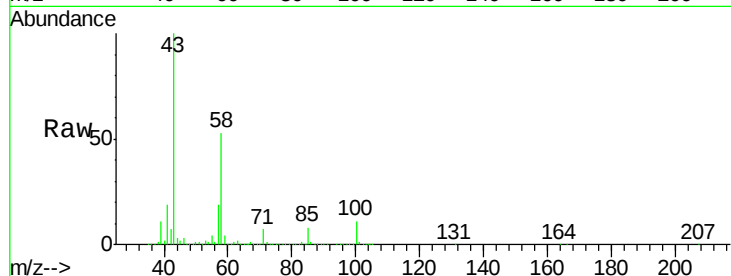
Ion 165.90 (165.60 to 166.60): VV005906.D (-2125) (-)



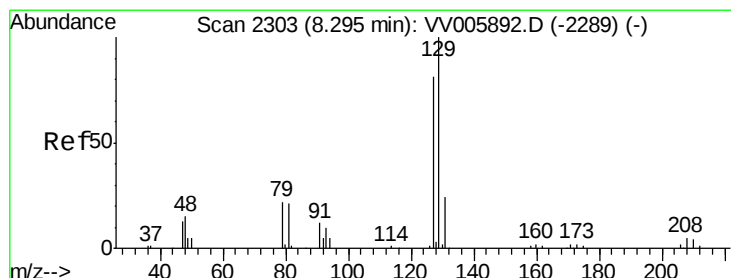
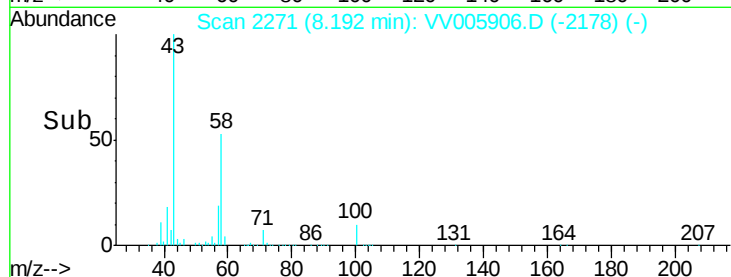
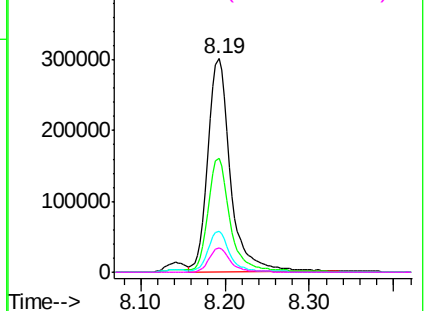


#48
2-Hexanone
Concen: 47.56 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV005906.D
Acq: 15 May 2018 09:55

Tgt Ion:	43	Resp:	560488
Ion	Ratio	Lower	Upper
43	100		
58	51.7	40.2	60.2
57	18.7	14.6	22.0
100	10.6	8.6	12.8

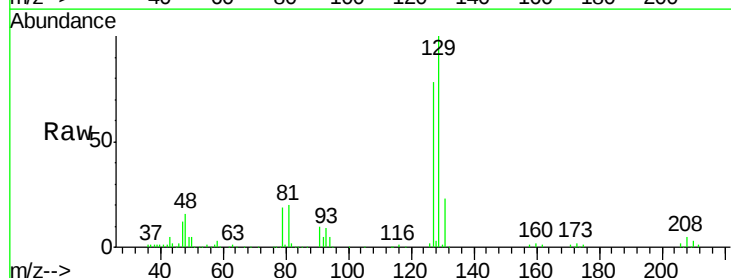


Abundance Ion 43.05 (42.75 to 43.75): VV005906.D (-2178) (-)
Ion 58.05 (57.75 to 58.75): VV005906.D (-2178) (-)
Ion 57.20 (56.90 to 57.90): VV005906.D (-2178) (-)
Ion 100.15 (99.85 to 100.85): VV005906.D (-2178) (-)

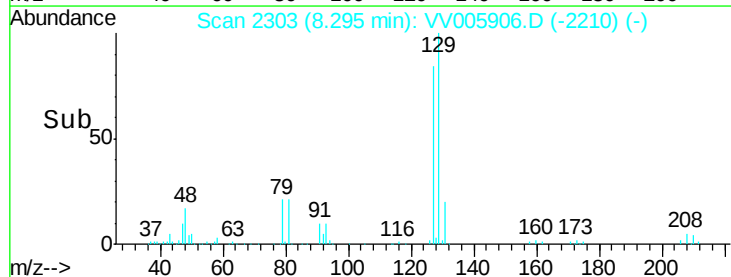
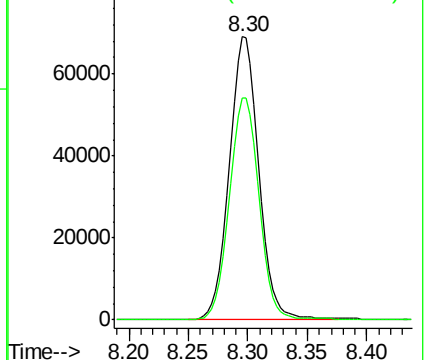


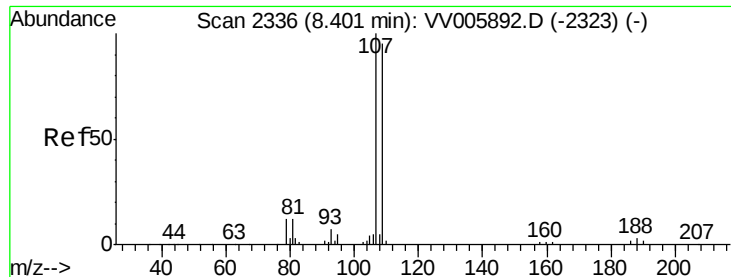
#49
Dibromochloromethane
Concen: 5.34 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VV005906.D
Acq: 15 May 2018 09:55

Tgt Ion:	129	Resp:	118842
Ion	Ratio	Lower	Upper
129	100		
127	78.4	55.4	103.0



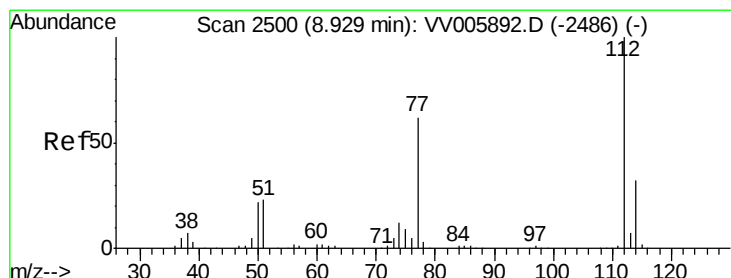
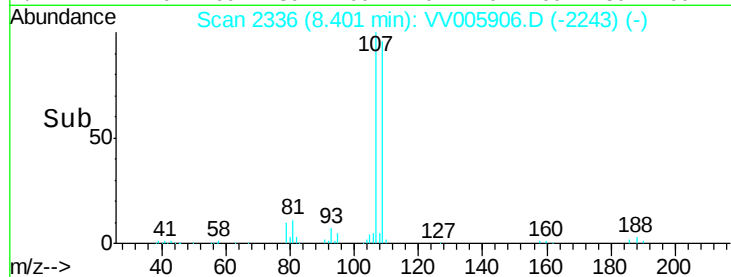
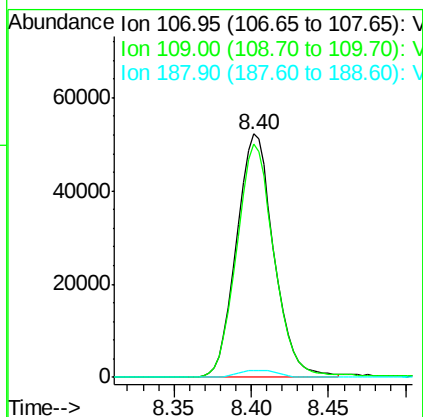
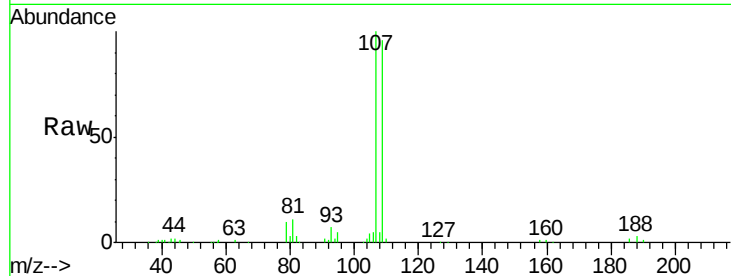
Abundance Ion 128.95 (128.65 to 129.65): VV005906.D (-2210) (-)
Ion 126.90 (126.60 to 127.60): VV005906.D (-2210) (-)





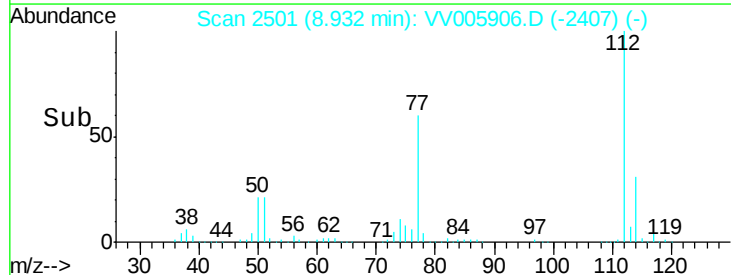
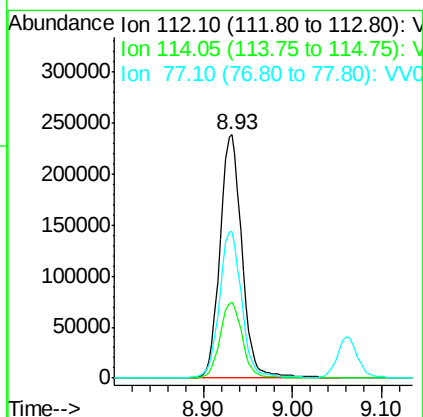
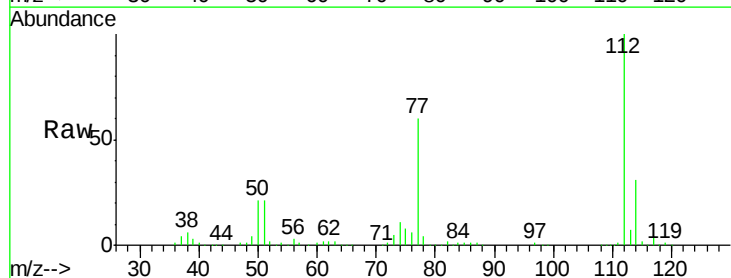
#50
1,2-Dibromoethane
Concen: 4.94 ug/L
RT: 8.40 min Scan# 2336
Delta R.T. 0.00 min
Lab File: VV005906.D
Acq: 15 May 2018 09:55

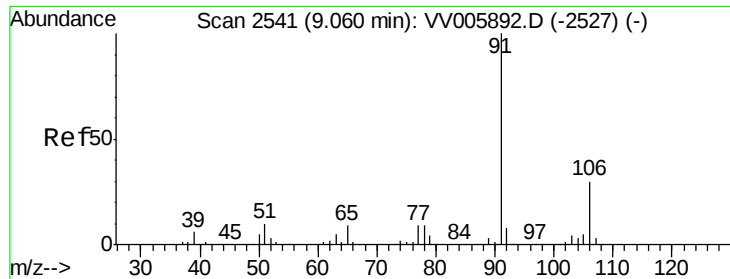
Tgt Ion:107 Resp: 87764
Ion Ratio Lower Upper
107 100
109 95.8 63.2 117.4
188 2.8 2.4 3.6



#51
Chlorobenzene
Concen: 5.47 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV005906.D
Acq: 15 May 2018 09:55

Tgt Ion:112 Resp: 409393
Ion Ratio Lower Upper
112 100
114 31.1 22.7 42.1
77 60.0 48.8 73.2





#52

Ethylbenzene

Concen: 5.55 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV005906.D

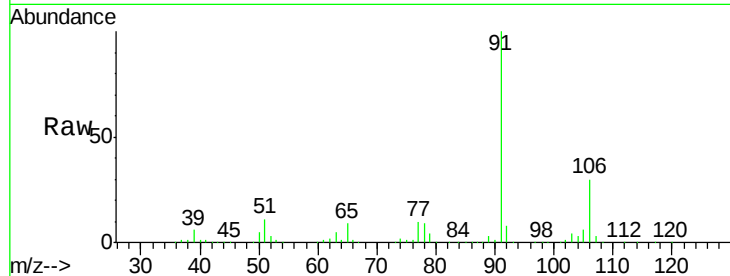
Acq: 15 May 2018 09:55

Tgt Ion: 91 Resp: 684605

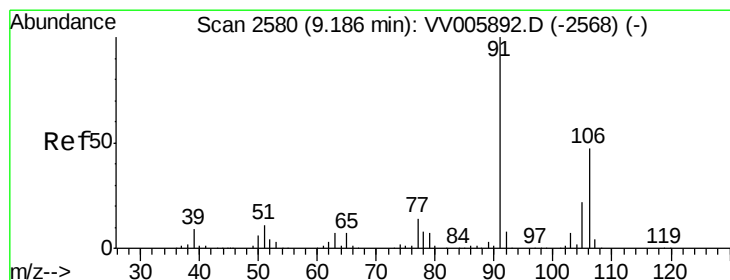
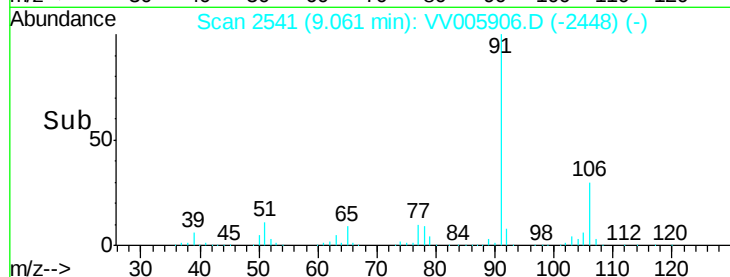
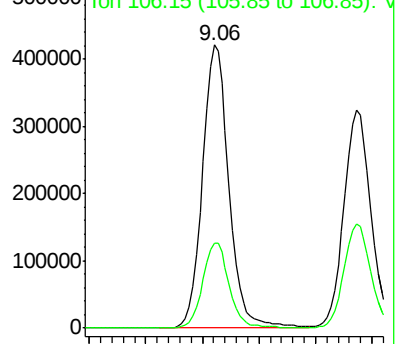
Ion Ratio Lower Upper

91 100

106 30.2 20.4 38.0



Abundance Ion 91.15 (90.85 to 91.85): VV005906.D (-2448) (-)



#53

m,p-xylene

Concen: 5.71 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV005906.D

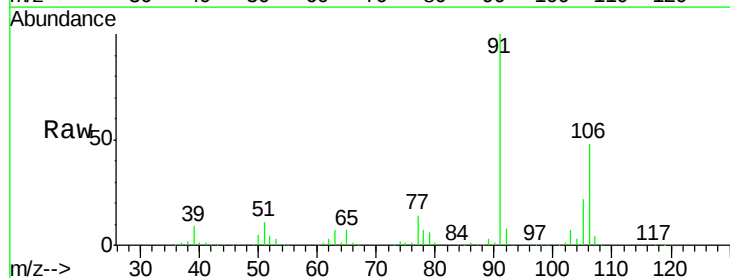
Acq: 15 May 2018 09:55

Tgt Ion: 106 Resp: 257333

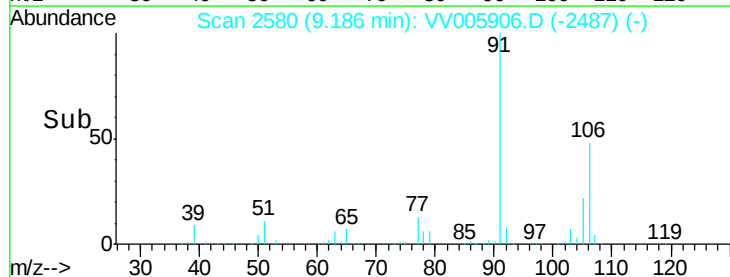
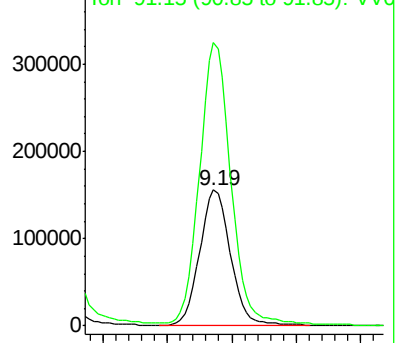
Ion Ratio Lower Upper

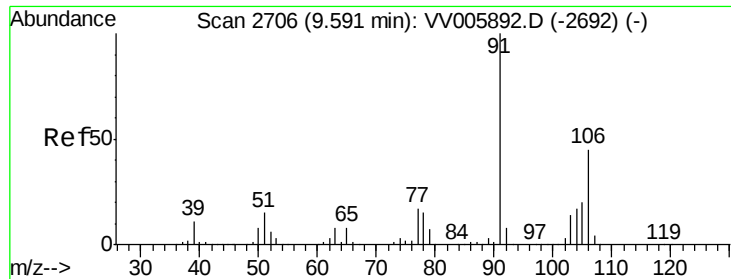
106 100

91 208.3 146.1 271.3



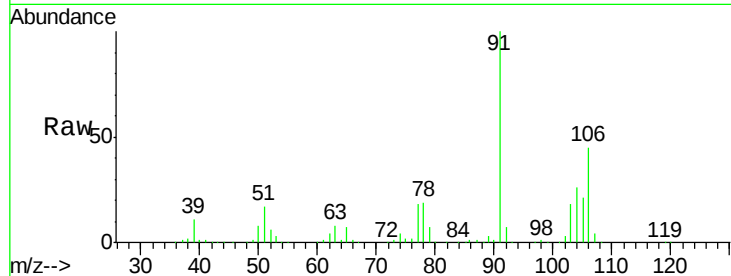
Abundance Ion 106.15 (105.85 to 106.85): VV005906.D (-2487) (-)



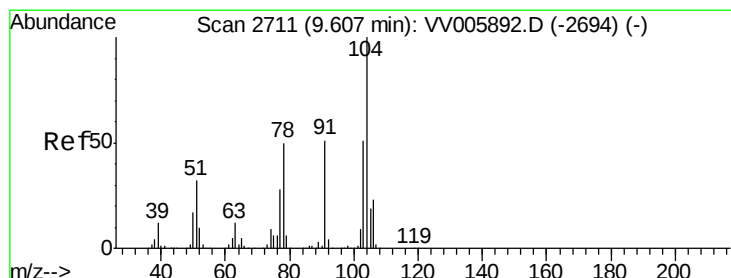
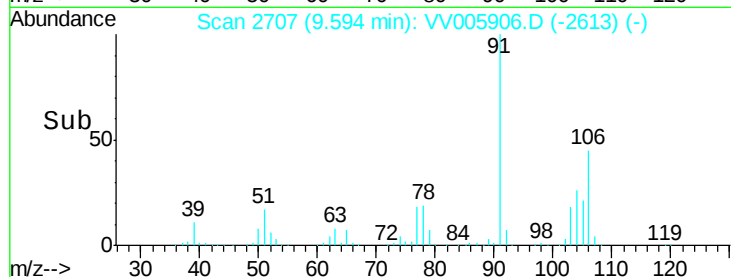
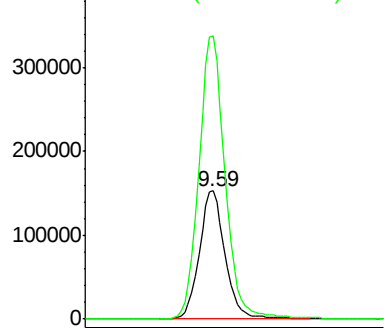


#54
o-xylene
Concen: 5.70 ug/L
RT: 9.59 min Scan# 2707
Delta R.T. 0.00 min
Lab File: VV005906.D
Acq: 15 May 2018 09:55

Tgt Ion:106 Resp: 247481
Ion Ratio Lower Upper
106 100
91 220.8 157.8 293.0

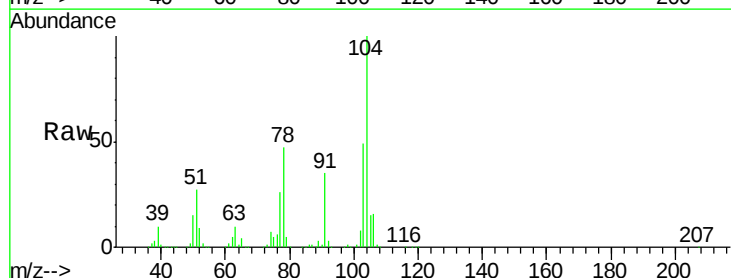


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

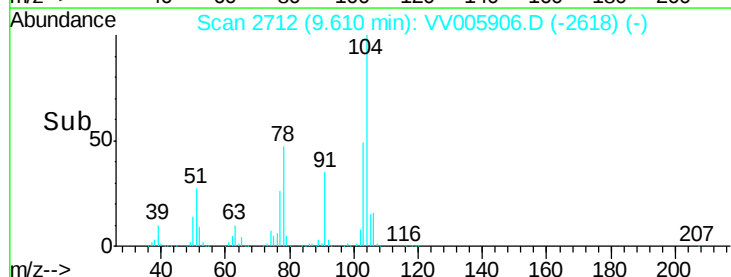
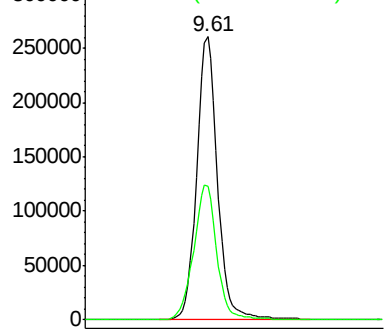


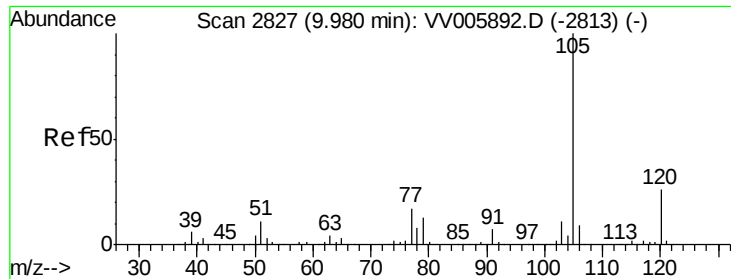
#55
Styrene
Concen: 5.95 ug/L
RT: 9.61 min Scan# 2712
Delta R.T. 0.00 min
Lab File: VV005906.D
Acq: 15 May 2018 09:55

Tgt Ion:104 Resp: 430879
Ion Ratio Lower Upper
104 100
78 47.1 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: 5.84 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VV005906.D

Acq: 15 May 2018 09:55

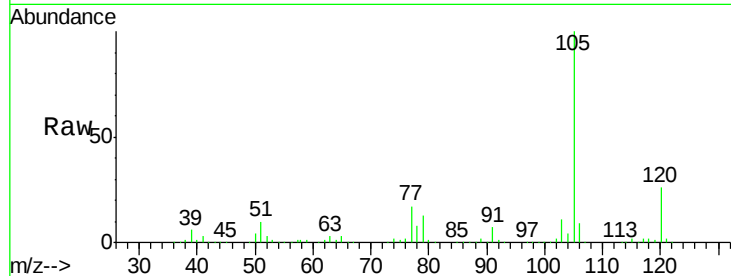
Tgt Ion: 105 Resp: 682695

Ion Ratio Lower Upper

105 100

120 25.7 20.6 31.0

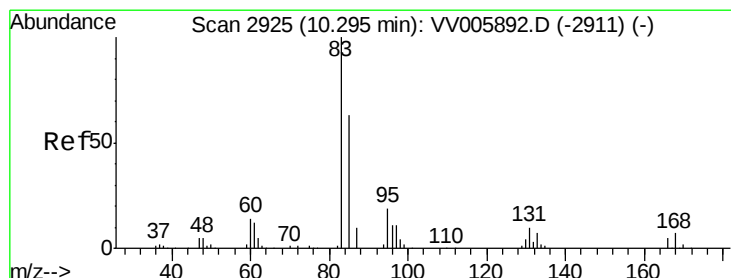
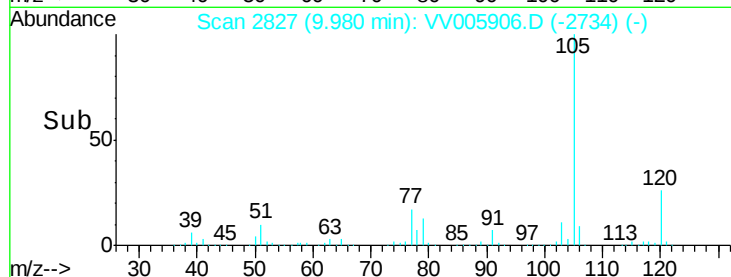
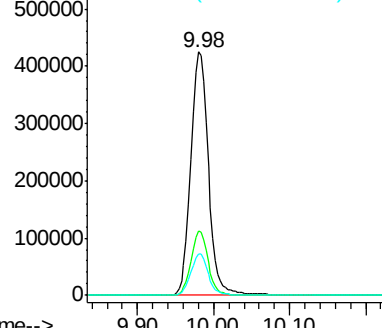
77 16.8 14.4 21.6



Abundance Ion 105.05 (104.75 to 105.75): VV005892.D (-2813) (-)

Ion 120.10 (119.80 to 120.80): VV005892.D (-2813) (-)

Ion 77.10 (76.80 to 77.80): VV005892.D (-2813) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 4.90 ug/L

RT: 10.29 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VV005906.D

Acq: 15 May 2018 09:55

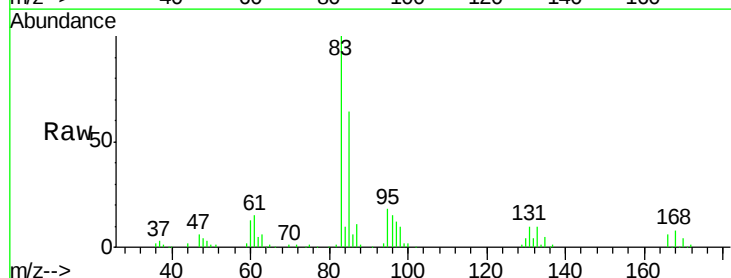
Tgt Ion: 83 Resp: 103958

Ion Ratio Lower Upper

83 100

85 63.6 43.6 81.0

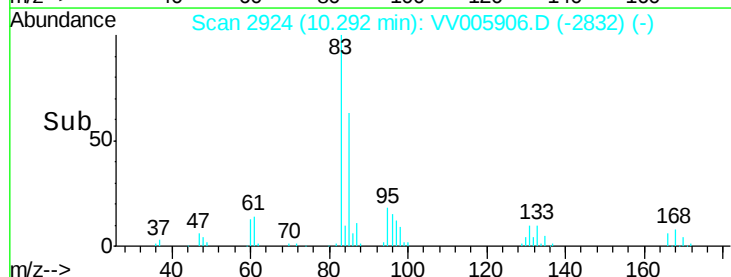
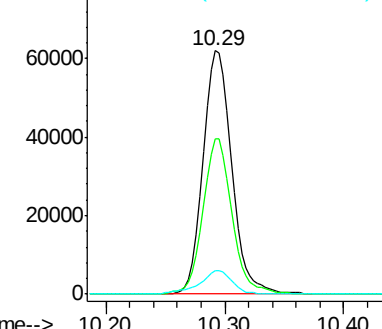
131 9.7 7.4 11.2

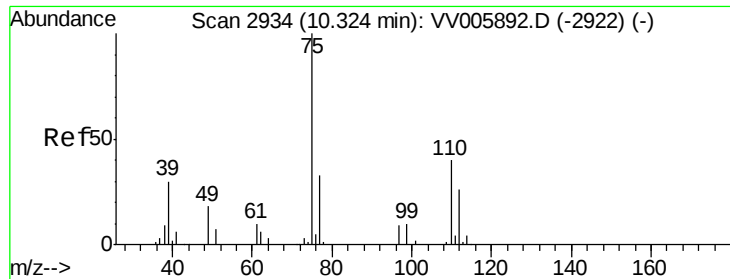


Abundance Ion 82.95 (82.65 to 83.65): VV005892.D (-2911) (-)

Ion 85.00 (84.70 to 85.70): VV005892.D (-2911) (-)

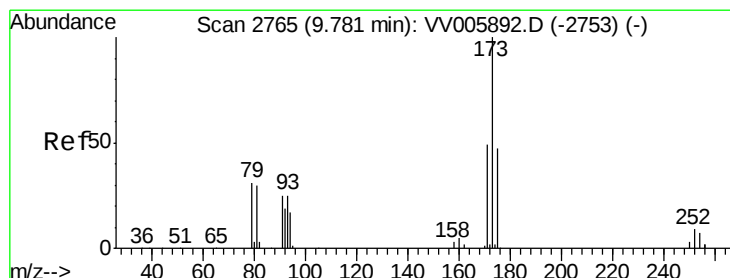
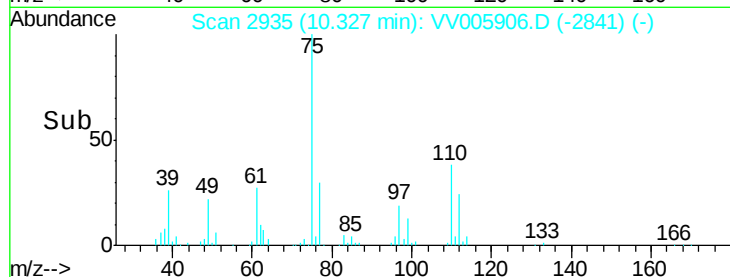
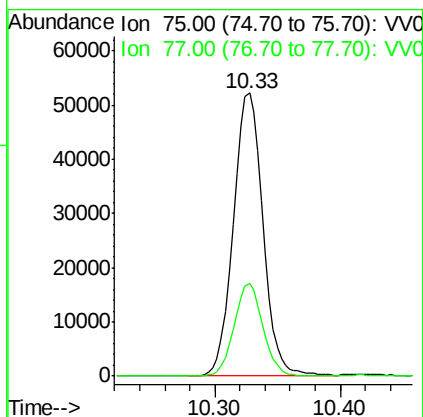
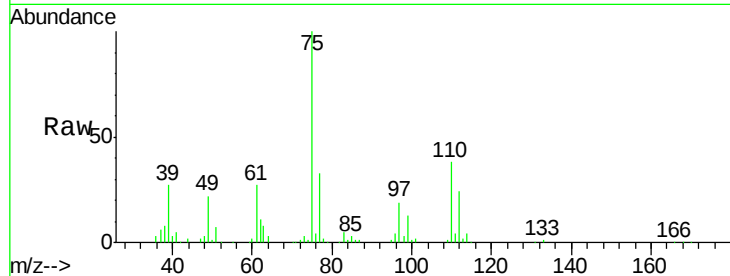
Ion 130.95 (130.65 to 131.65): VV005892.D (-2911) (-)





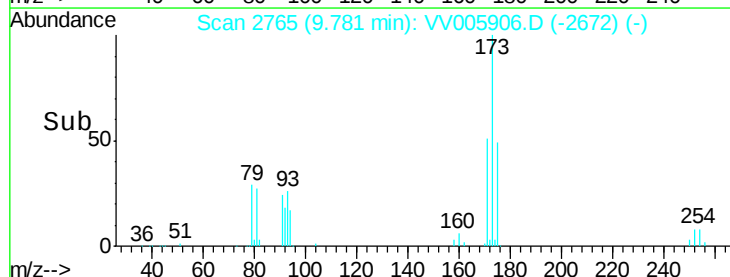
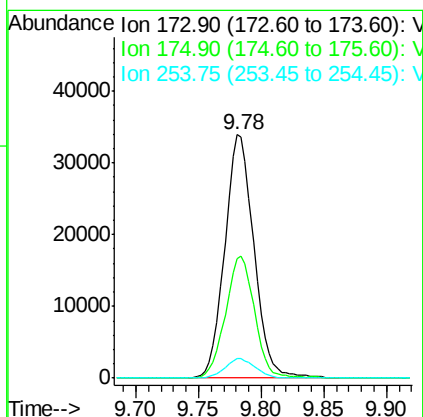
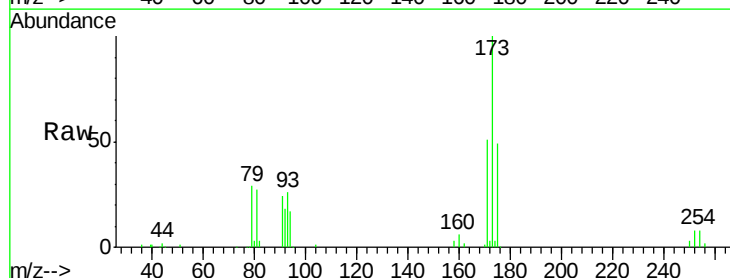
#59
 1,2,3-Trichloropropane
 Concen: 5.01 ug/L
 RT: 10.33 min Scan# 2935
 Delta R.T. 0.00 min
 Lab File: VV005906.D
 Acq: 15 May 2018 09:55

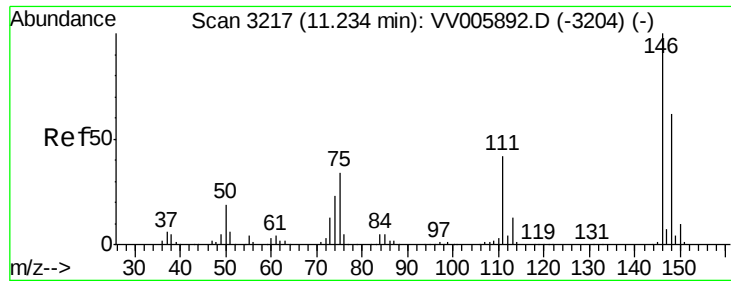
Tgt Ion: 75 Resp: 85704
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.5 38.3



#61
 Bromoform
 Concen: 5.08 ug/L
 RT: 9.78 min Scan# 2765
 Delta R.T. 0.00 min
 Lab File: VV005906.D
 Acq: 15 May 2018 09:55

Tgt Ion: 173 Resp: 55160
 Ion Ratio Lower Upper
 173 100
 175 49.5 36.6 54.8
 254 8.1 5.5 8.3





#62

1,3-Dichlorobenzene

Concen: 5.37 ug/L

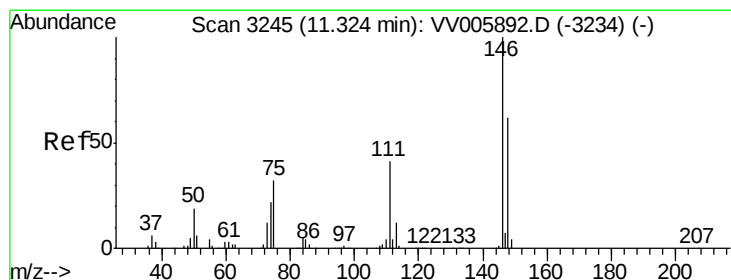
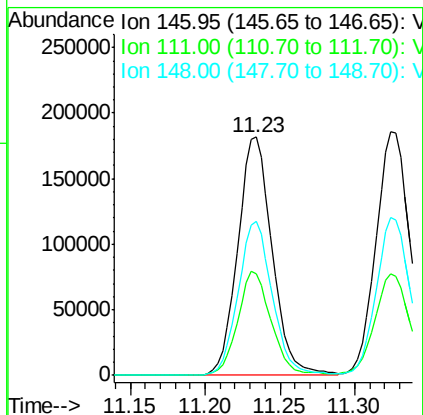
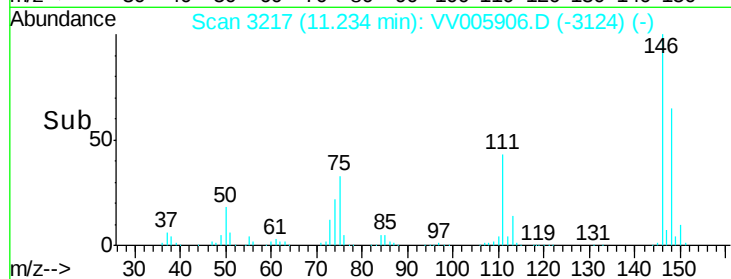
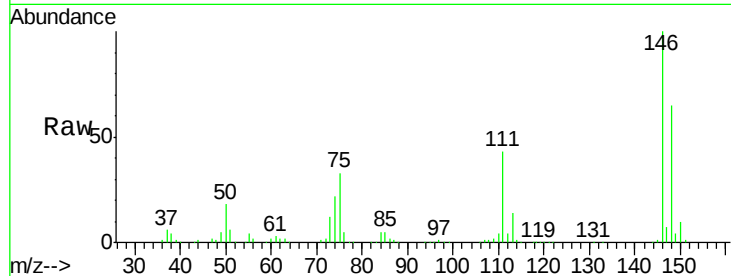
RT: 11.23 min Scan# 3217

Delta R.T. 0.00 min

Lab File: VV005906.D

Acq: 15 May 2018 09:55

Tgt Ion:	146	Resp:	290930
Ion	Ratio	Lower	Upper
146	100		
111	42.9	31.1	57.7
148	64.8	44.5	82.7



#63

1,4-Dichlorobenzene

Concen: 5.33 ug/L

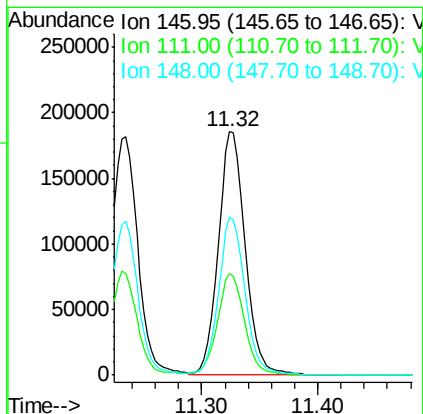
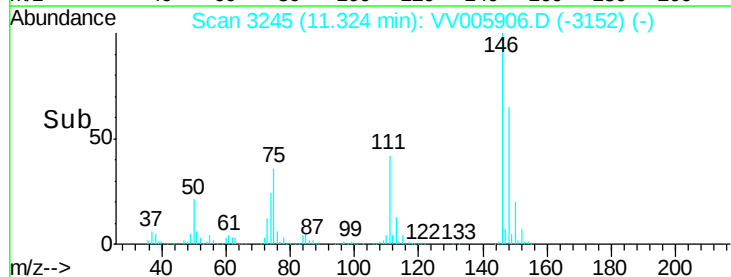
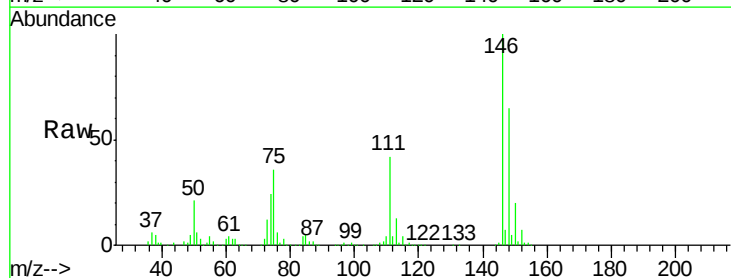
RT: 11.32 min Scan# 3245

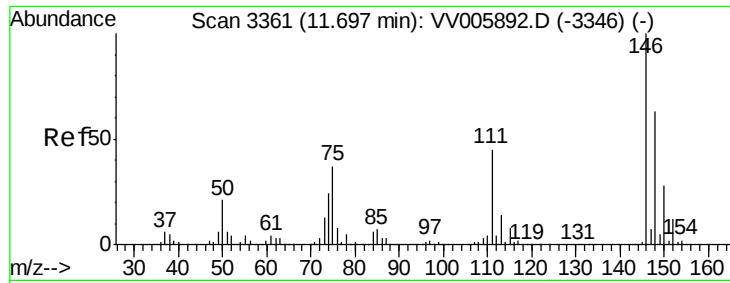
Delta R.T. 0.00 min

Lab File: VV005906.D

Acq: 15 May 2018 09:55

Tgt Ion:	146	Resp:	301084
Ion	Ratio	Lower	Upper
146	100		
111	41.7	28.6	53.2
148	64.6	46.2	85.8





#65

1,2-Dichlorobenzene

Concen: 5.40 ug/L

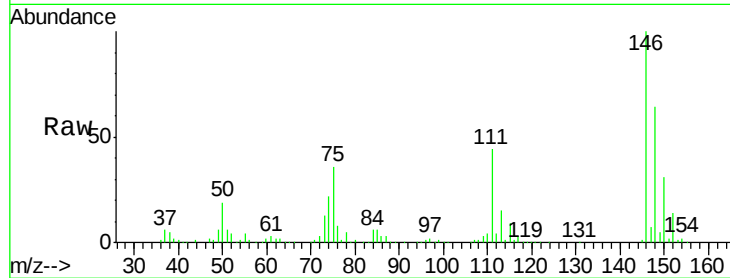
RT: 11.70 min Scan# 3361

Delta R.T. 0.00 min

Lab File: VV005906.D

Acq: 15 May 2018 09:55

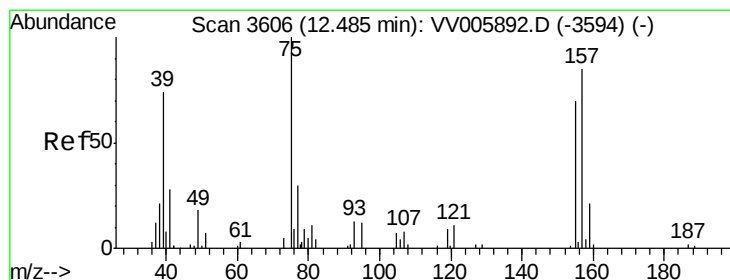
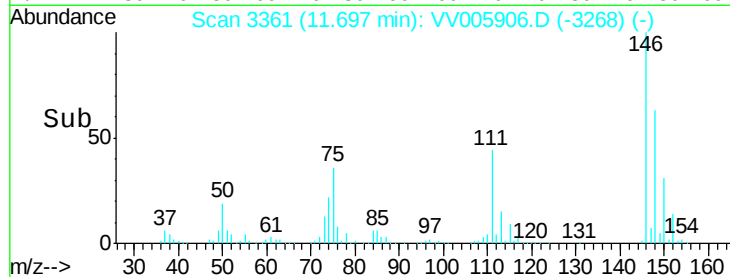
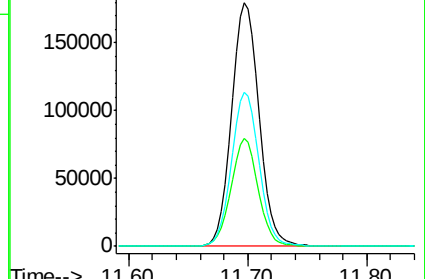
Tgt Ion:	146	Resp:	288035
Ion	Ratio	Lower	Upper
146	100		
111	44.3	37.0	55.6
148	63.5	50.9	76.3



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: 4.44 ug/L

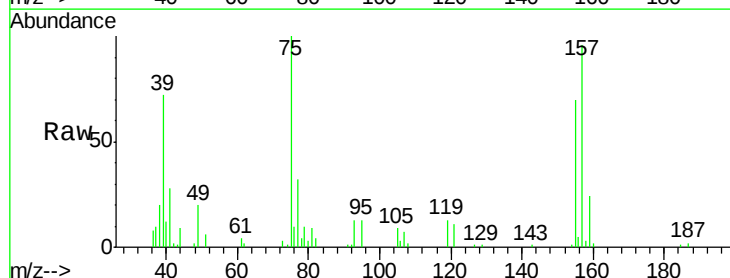
RT: 12.48 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VV005906.D

Acq: 15 May 2018 09:55

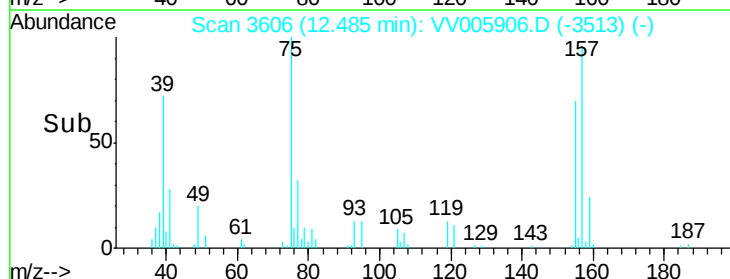
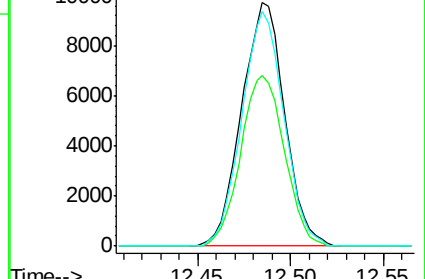
Tgt Ion:	75	Resp:	15703
Ion	Ratio	Lower	Upper
75	100		
155	70.3	56.1	84.1
157	96.1	81.0	121.4

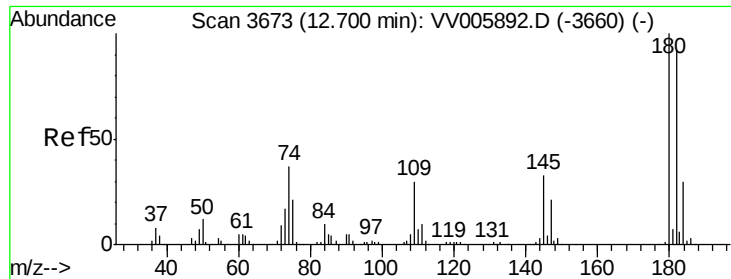


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

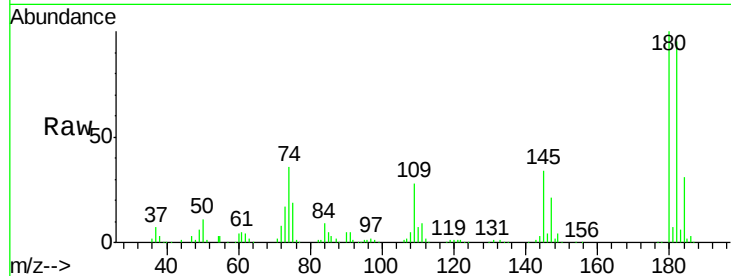
Ion 156.90 (156.60 to 157.60): V



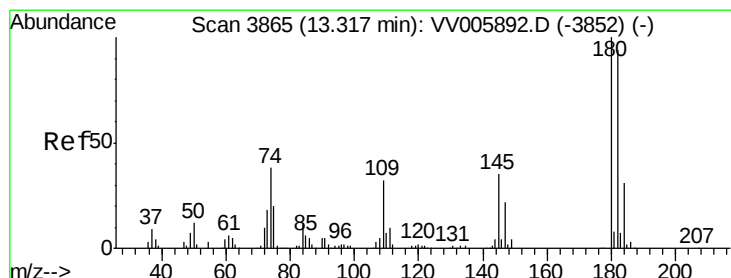
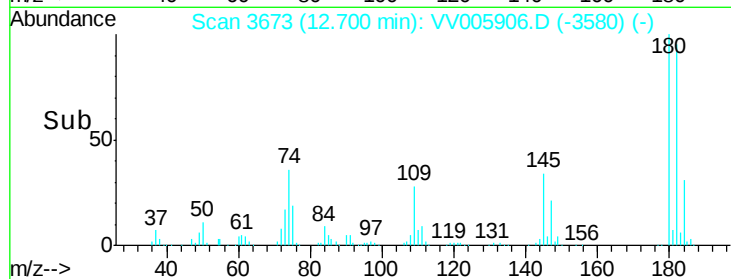
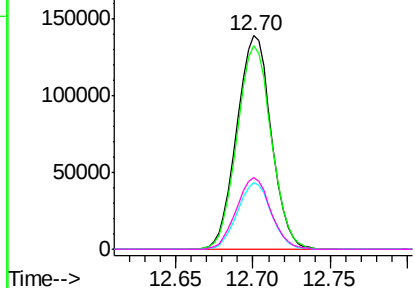


#67
 1,3,5-Trichlorobenzene
 Concen: 5.46 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV005906.D
 Acq: 15 May 2018 09:55

Tgt Ion:	180	Resp:	215113
Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.4	113.0
184	30.6	24.6	36.8
145	33.3	26.0	39.0

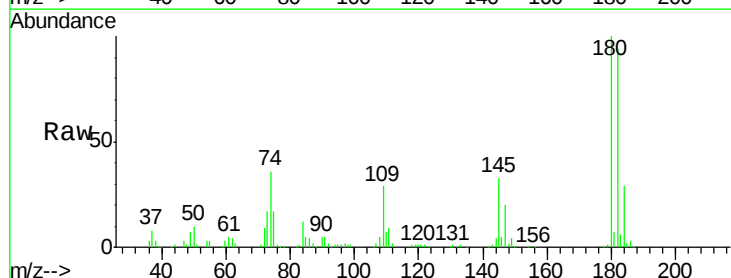


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

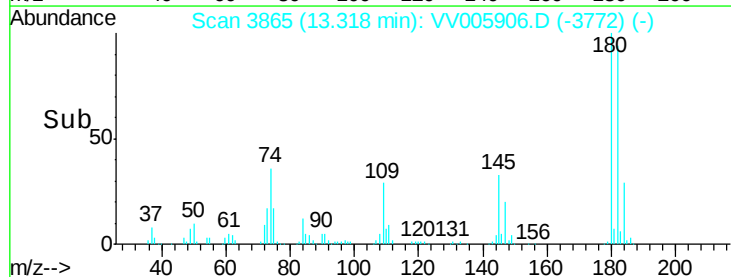
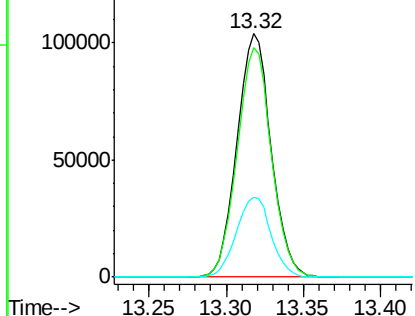


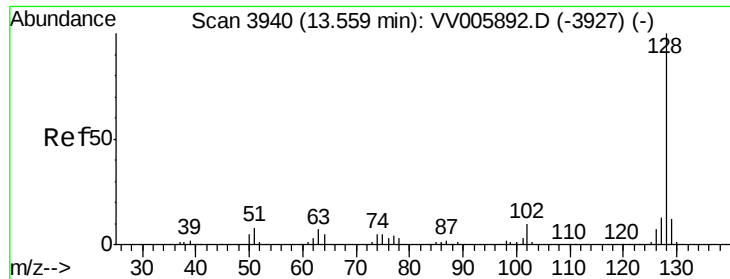
#68
 1,2,4-trichlorobenzene
 Concen: 5.40 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV005906.D
 Acq: 15 May 2018 09:55

Tgt Ion:	180	Resp:	158912
Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.4	114.6
145	33.7	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: 4.79 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. 0.00 min

Lab File: VV005906.D

Acq: 15 May 2018 09:55

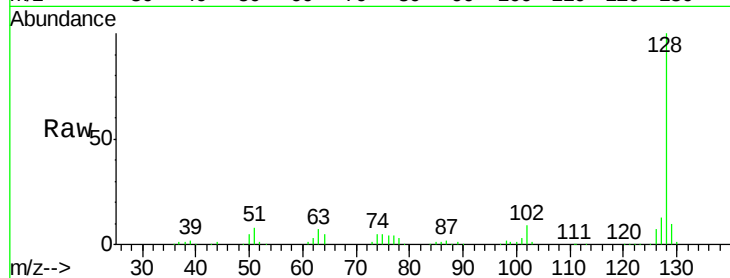
Tgt Ion:128 Resp: 225182

Ion Ratio Lower Upper

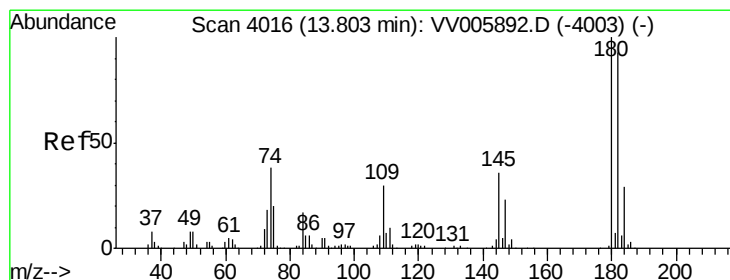
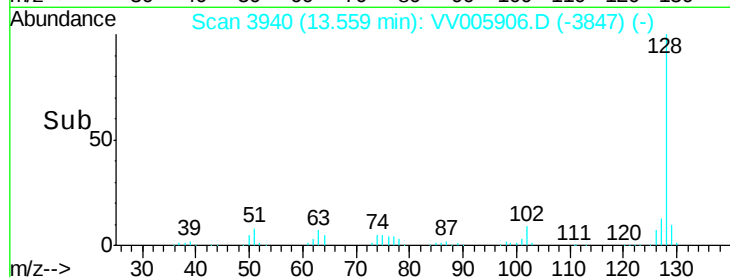
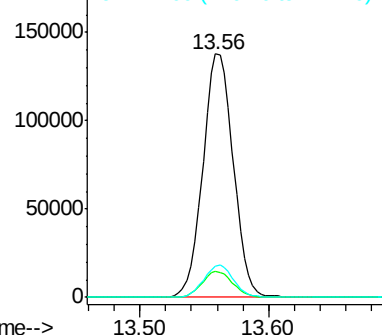
128 100

129 10.6 9.1 13.7

127 12.9 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.24 ug/L

RT: 13.80 min Scan# 4016

Delta R.T. 0.00 min

Lab File: VV005906.D

Acq: 15 May 2018 09:55

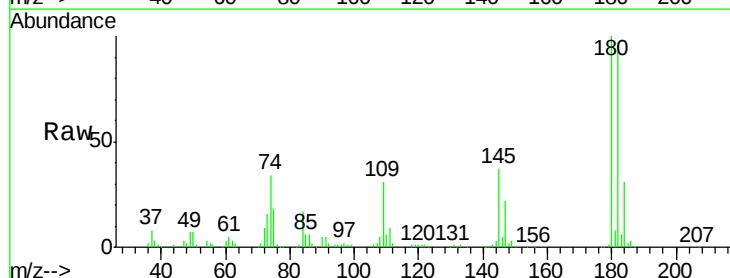
Tgt Ion:180 Resp: 147581

Ion Ratio Lower Upper

180 100

182 96.1 75.8 113.6

145 35.7 28.0 42.0



Abundance Ion 179.90 (179.60 to 180.60): V
Ion 181.90 (181.60 to 182.60): V
Ion 144.95 (144.65 to 145.65): V

