

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV051518\
 Data File : VV005922.D
 Acq On : 15 May 2018 18:15
 Operator : SY/MD
 Sample : J2905-18
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 16 04:32:18 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	293121	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	298315	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	121741	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88959	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.58	69	81754	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.13	63	136945	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	3.96	46	247286	56.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.00%
24) Chloroform-d	4.41	84	207553	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.09	65	112714	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.11	84	371759	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.13	67	125723	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.37	98	339057	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.67	79	43225	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.14	63	176204	45.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.94%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81044	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	120434	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

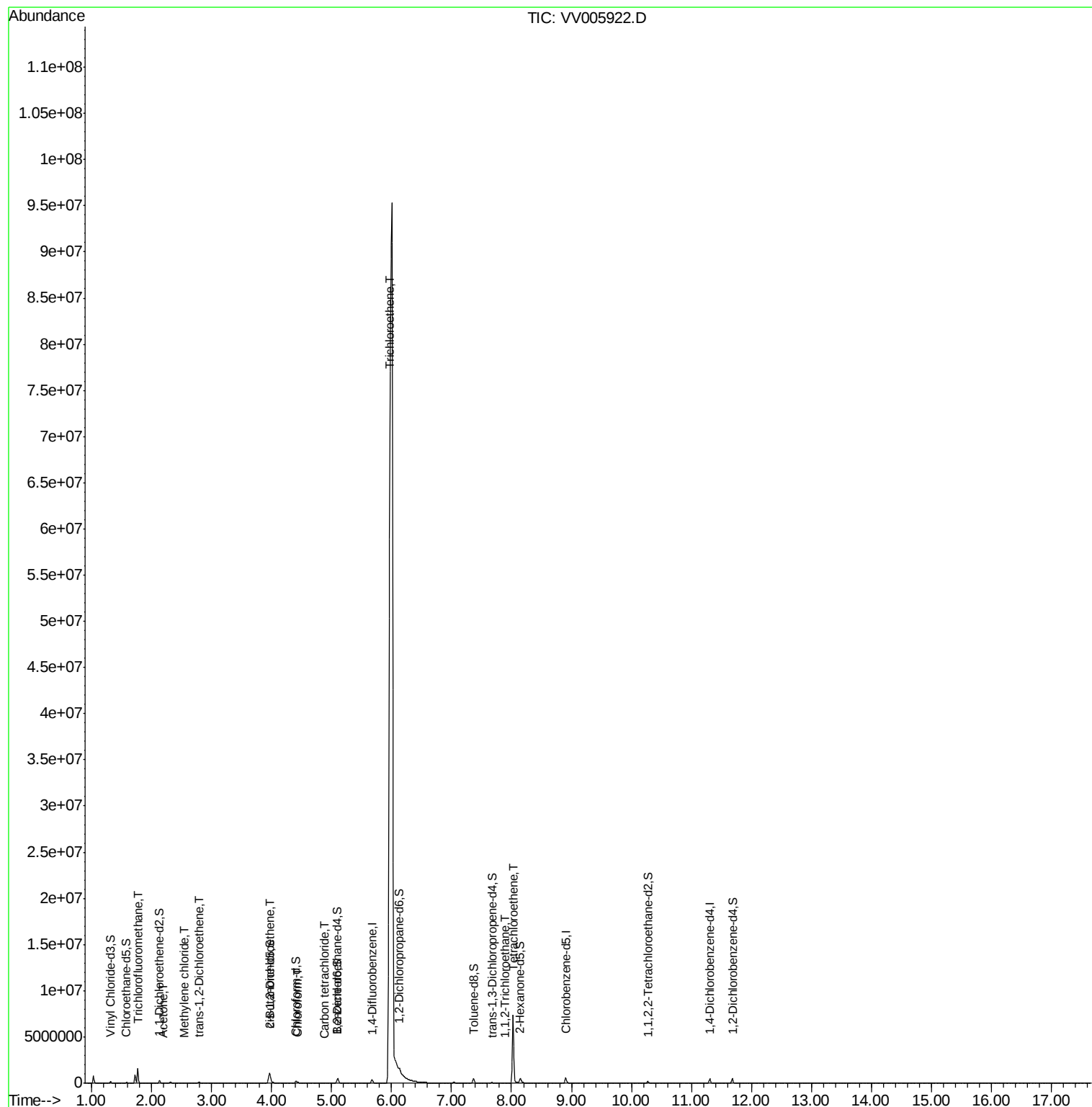
Target Compounds

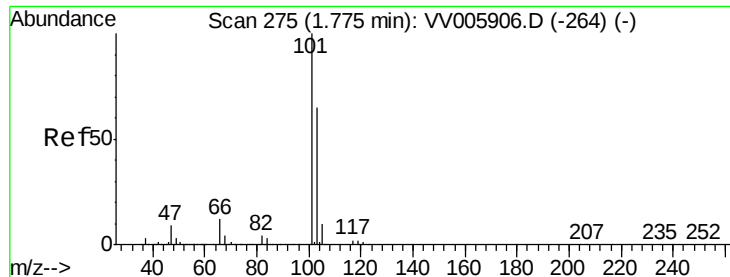
						Ovalue
9) Trichlorofluoromethane	1.77	101	911912	21.72	ug/L	100
13) Acetone	2.20	43	25355	6.84	ug/L	92
16) Methylene chloride	2.54	84	7221	0.31	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	47557	2.06	ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	512446	22.65	ug/L	100
25) Chloroform	4.44	83	29287	0.62	ug/L	94
31) Carbon tetrachloride	4.88	117	13125	0.38	ug/L	95
34) Trichloroethene	5.96	95	42247390m	1710.61	ug/L	
45) 1,1,2-Trichloroethane	7.89	97	11067	0.69	ug/L	95
47) Tetrachloroethene	8.03	164	1560874	90.10	ug/L	98

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

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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 21.72 ug/L

RT: 1.77 min Scan# 274

Delta R.T. -0.00 min

Lab File: VV005922.D

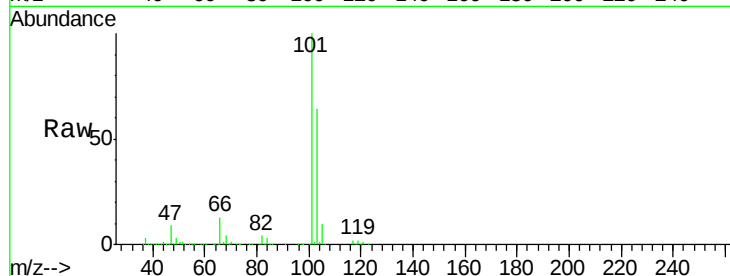
Acq: 15 May 2018 18:15

Tot Ion:101 Resp: 911912

Ion Ratio Lower Upper

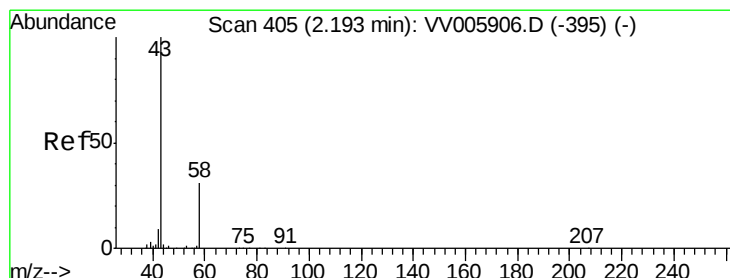
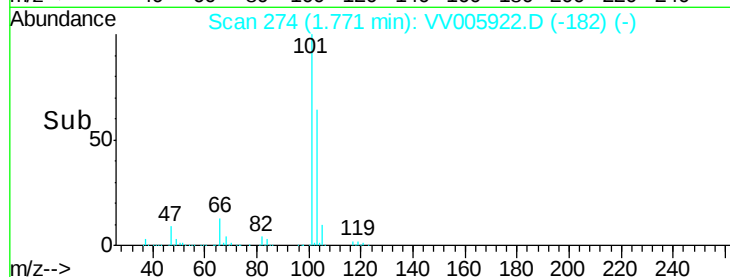
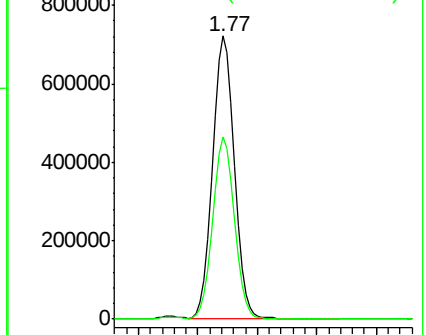
101 100

103 63.8 51.2 76.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 6.84 ug/L

RT: 2.20 min Scan# 406

Delta R.T. 0.00 min

Lab File: VV005922.D

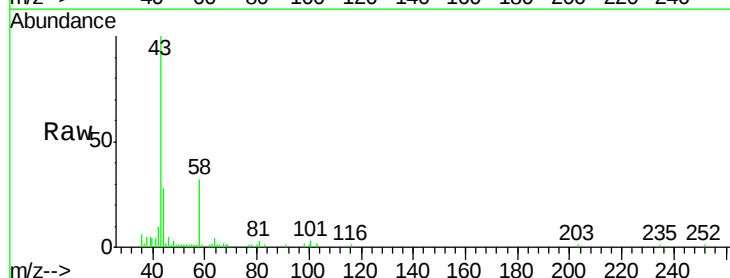
Acq: 15 May 2018 18:15

Tgt Ion: 43 Resp: 25355

Ion Ratio Lower Upper

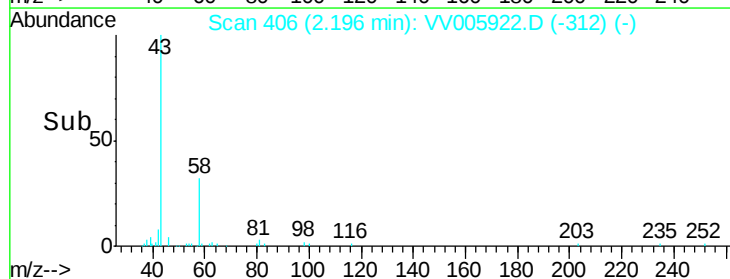
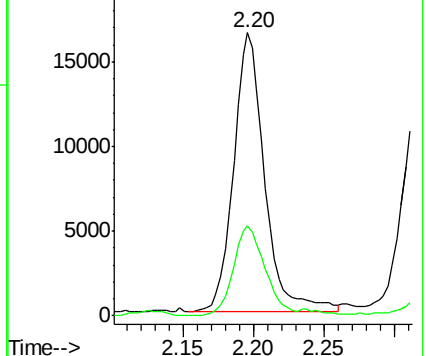
43 100

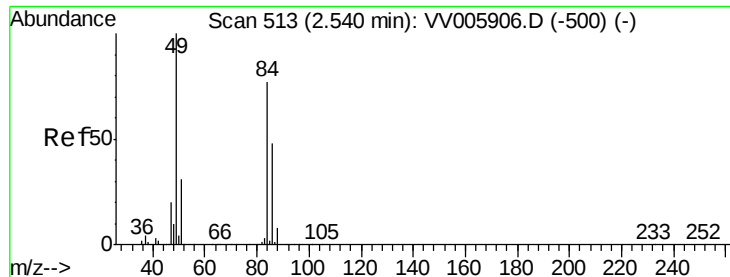
58 33.1 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

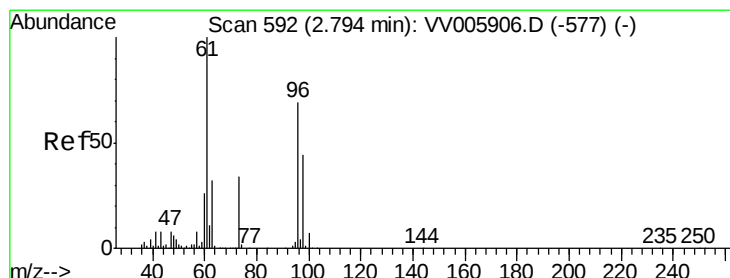
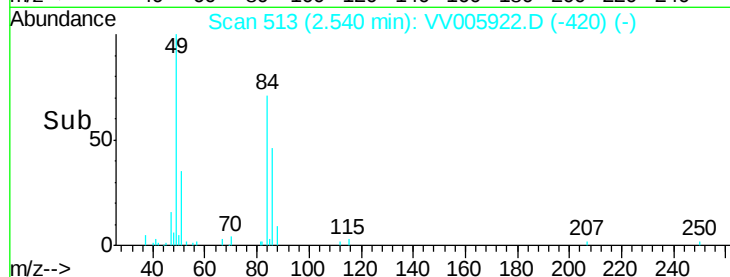
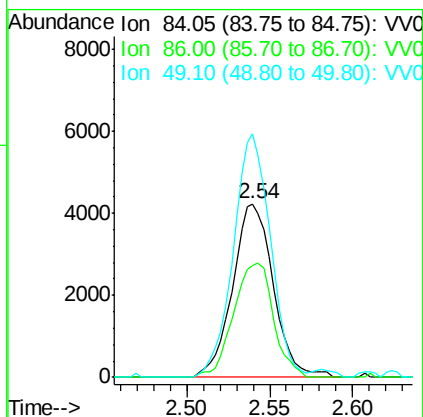
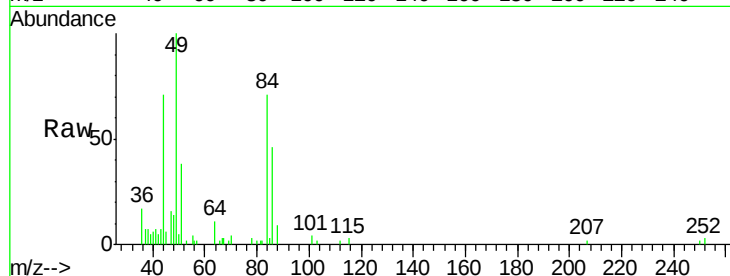




#16
Methvlene chloride
Concen: 0.31 ug/L
RT: 2.54 min Scan# 513
Delta R.T. -0.00 min
Lab File: VV005922.D
Acq: 15 May 2018 18:15

Tot Ion: 84 Resp: 7221

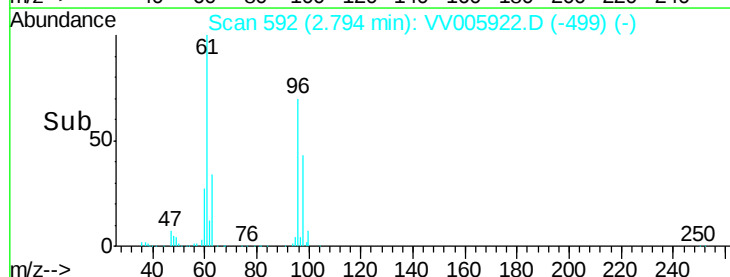
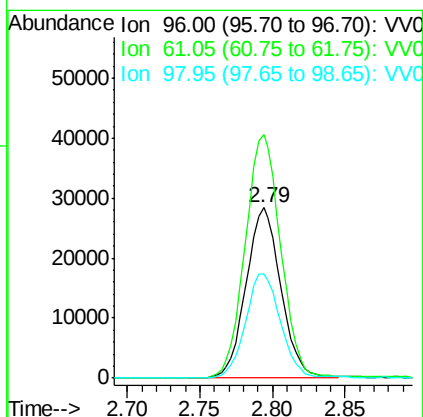
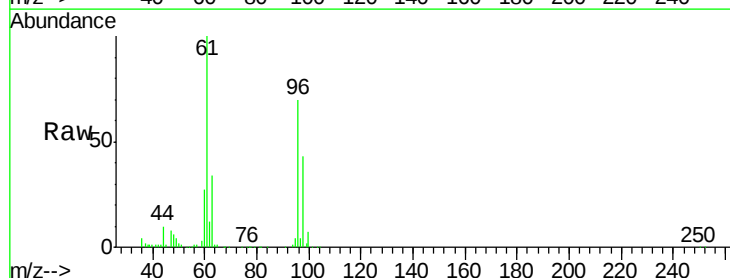
Ion	Ratio	Lower	Upper
84	100		
86	64.8	44.3	82.3
49	140.5	96.5	179.1

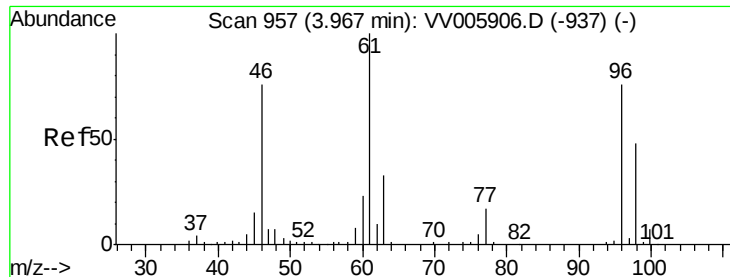


#18
trans-1,2-Dichloroethene
Concen: 2.06 ug/L
RT: 2.79 min Scan# 592
Delta R.T. -0.00 min
Lab File: VV005922.D
Acq: 15 May 2018 18:15

Tgt Ion: 96 Resp: 47557

Ion	Ratio	Lower	Upper
96	100		
61	143.1	104.7	194.4
98	61.0	44.8	83.2





#22

cis-1,2-Dichloroethene

Concen: 22.65 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.00 min

Lab File: VV005922.D

Acq: 15 May 2018 18:15

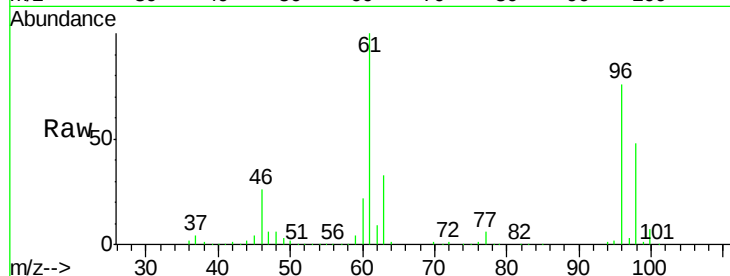
Tot Ion: 96 Resp: 512446

Ion Ratio Lower Upper

96 100

61 131.4 91.8 170.6

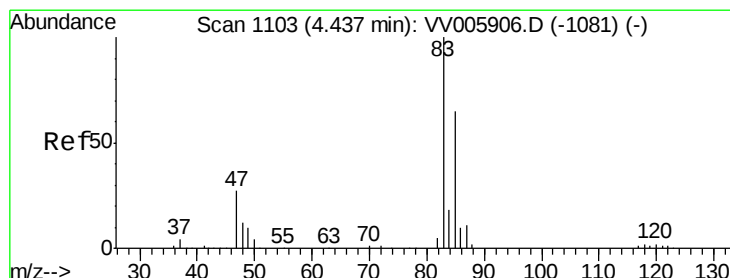
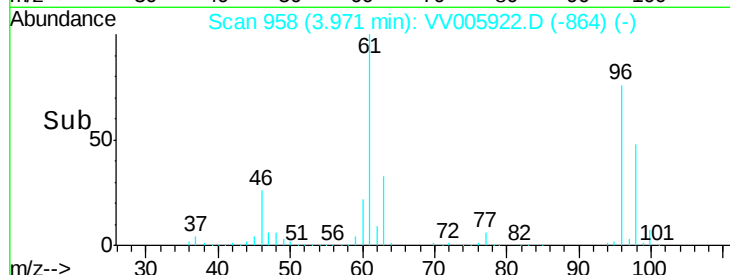
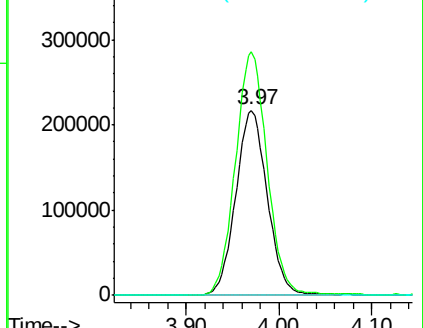
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV005906.D (-937) (-)

Ion 61.05 (60.75 to 61.75): VV005906.D (-937) (-)

Ion 68.15 (67.85 to 68.85): VV005906.D (-937) (-)



#25

Chloroform

Concen: 0.62 ug/L

RT: 4.44 min Scan# 1104

Delta R.T. 0.00 min

Lab File: VV005922.D

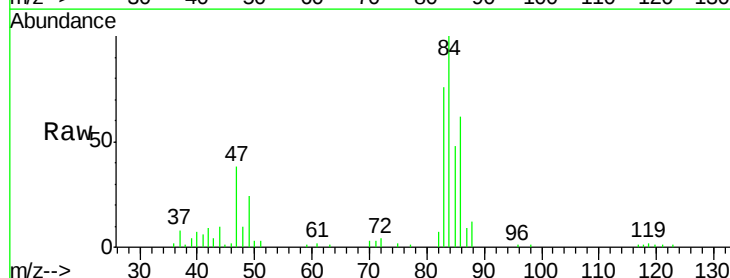
Acq: 15 May 2018 18:15

Tgt Ion: 83 Resp: 29287

Ion Ratio Lower Upper

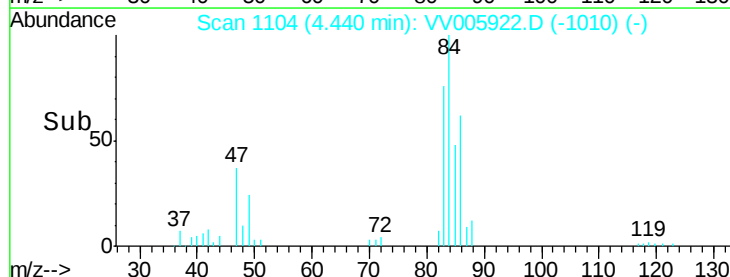
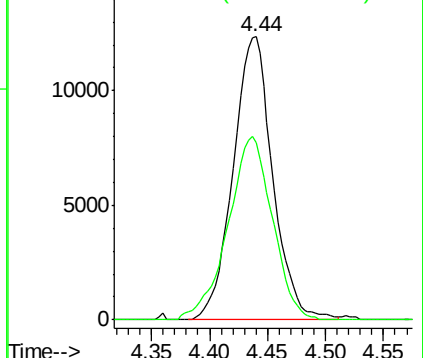
83 100

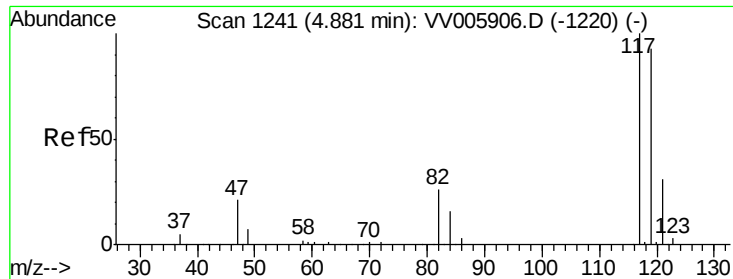
85 62.6 47.1 87.5



Abundance Ion 83.05 (82.75 to 83.75): VV005906.D (-1081) (-)

Ion 85.00 (84.70 to 85.70): VV005906.D (-1081) (-)





#31

Carbon tetrachloride

Concen: 0.38 ug/L

RT: 4.88 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VV005922.D

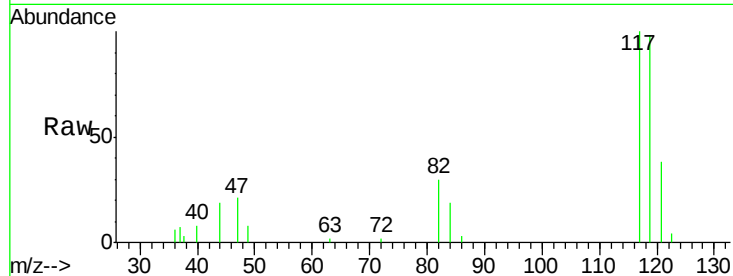
Acq: 15 May 2018 18:15

Tot Ion:117 Resp: 13125

Ion Ratio Lower Upper

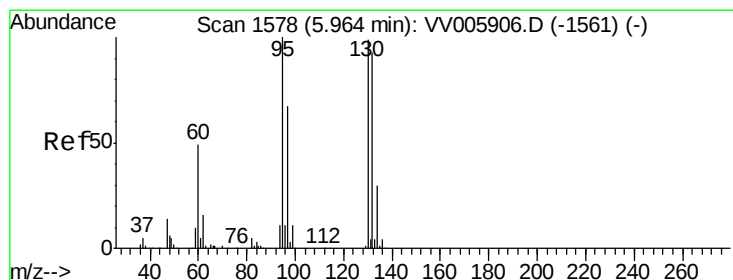
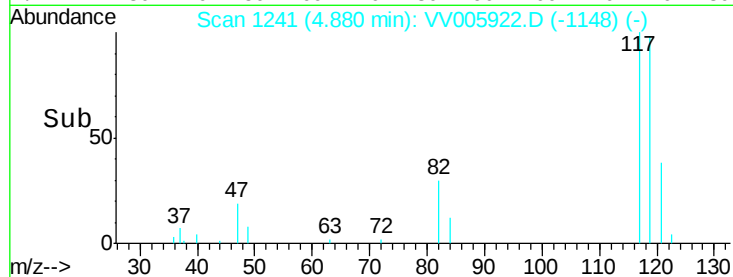
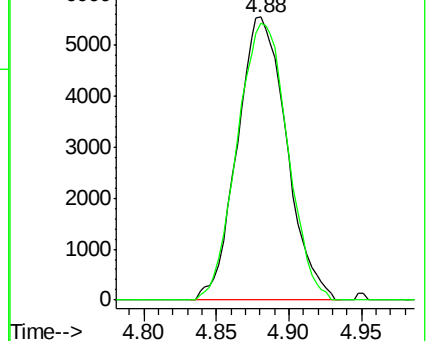
117 100

119 99.8 76.2 114.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 1710.61 ug/L m

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV005922.D

Acq: 15 May 2018 18:15

Tgt Ion: 95 Resp:42247390

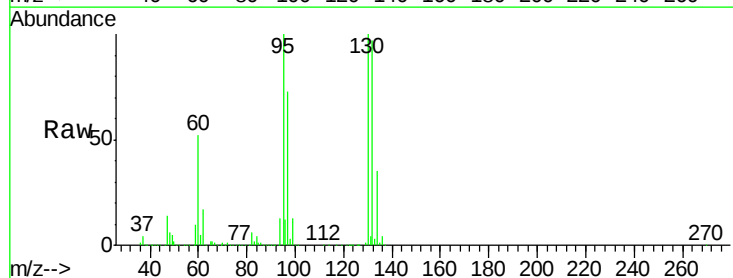
Ion Ratio Lower Upper

95 100

97 73.4 45.6 84.8

132 96.6 64.2 119.2

130 100.0 69.0 128.2

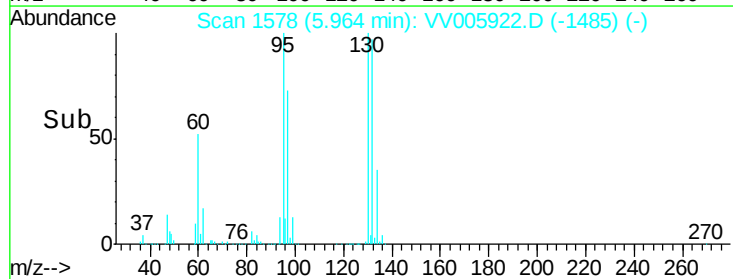
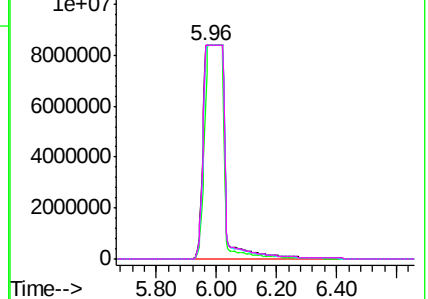


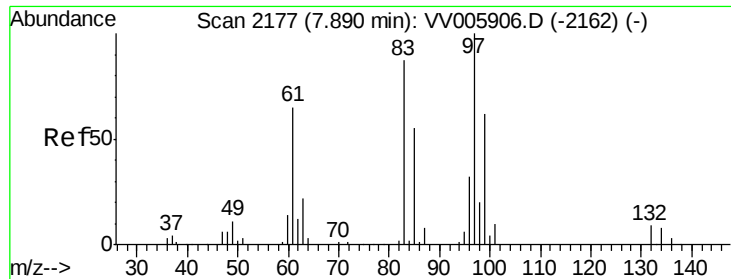
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

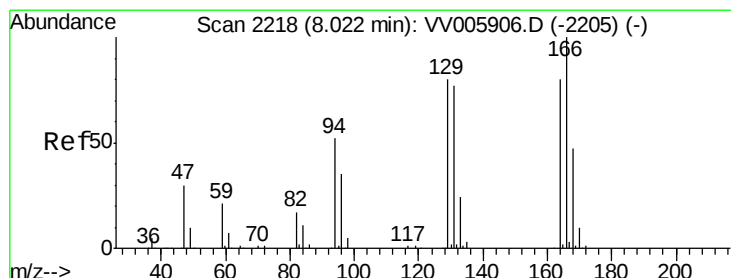
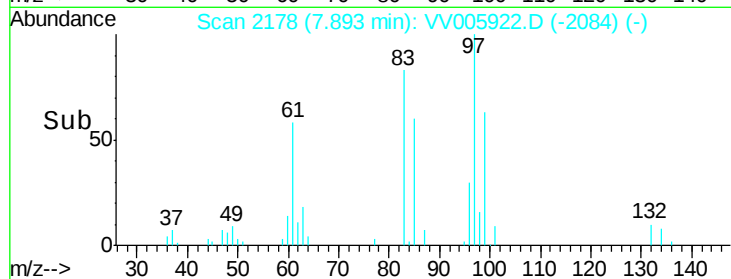
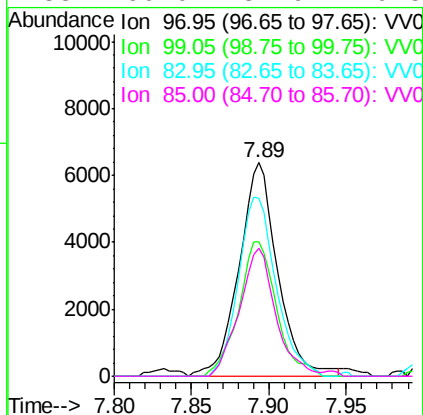
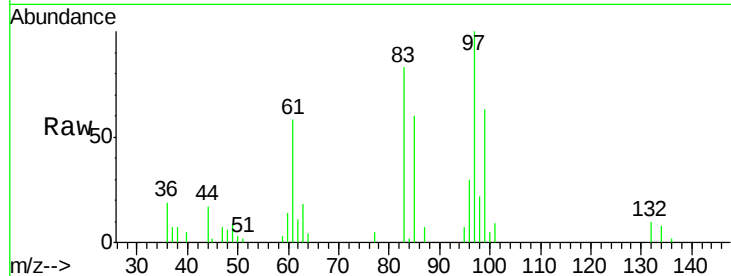
Ion 129.95 (129.65 to 130.65): V





#45
 1,1,2-Trichloroethane
 Concen: 0.69 ug/L
 RT: 7.89 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VV005922.D
 Acq: 15 May 2018 18:15

Tot Ion:	97	Resp:	11067
Ion	Ratio	Lower	Upper
97	100		
99	62.9	42.4	78.8
83	83.2	61.7	114.7
85	60.0	37.9	70.5



#47
 Tetrachloroethene
 Concen: 90.10 ug/L
 RT: 8.03 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VV005922.D
 Acq: 15 May 2018 18:15

Tgt Ion:	164	Resp:	1560874
Ion	Ratio	Lower	Upper
164	100		
129	104.1	71.2	132.2
131	98.5	70.6	131.0
166	128.4	87.8	163.2

