

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050318\
 Data File : VV005766.D
 Acq On : 03 May 2018 16:48
 Operator : SY/MD
 Sample : J2640-10
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 01:36:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVTR043018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 04 01:33:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	182648	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	189958	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75311	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58514	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.58	69	58246	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.00%
11) 1,1-Dichloroethene-d2	2.13	63	110160	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.80%
20) 2-Butanone-d5	3.96	46	200605	82.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	164.96%#
24) Chloroform-d	4.41	84	143802	5.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.60%
26) 1,2-Dichloroethane-d4	5.09	65	86744	6.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	137.80%#
32) Benzene-d6	5.11	84	237852	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.13	67	80425	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.37	98	197246	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.67	79	23855	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.14	63	141993	73.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	147.12%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	66847	6.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	133.00%#
64) 1,2-Dichlorobenzene-d4	11.68	152	78314	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.00%

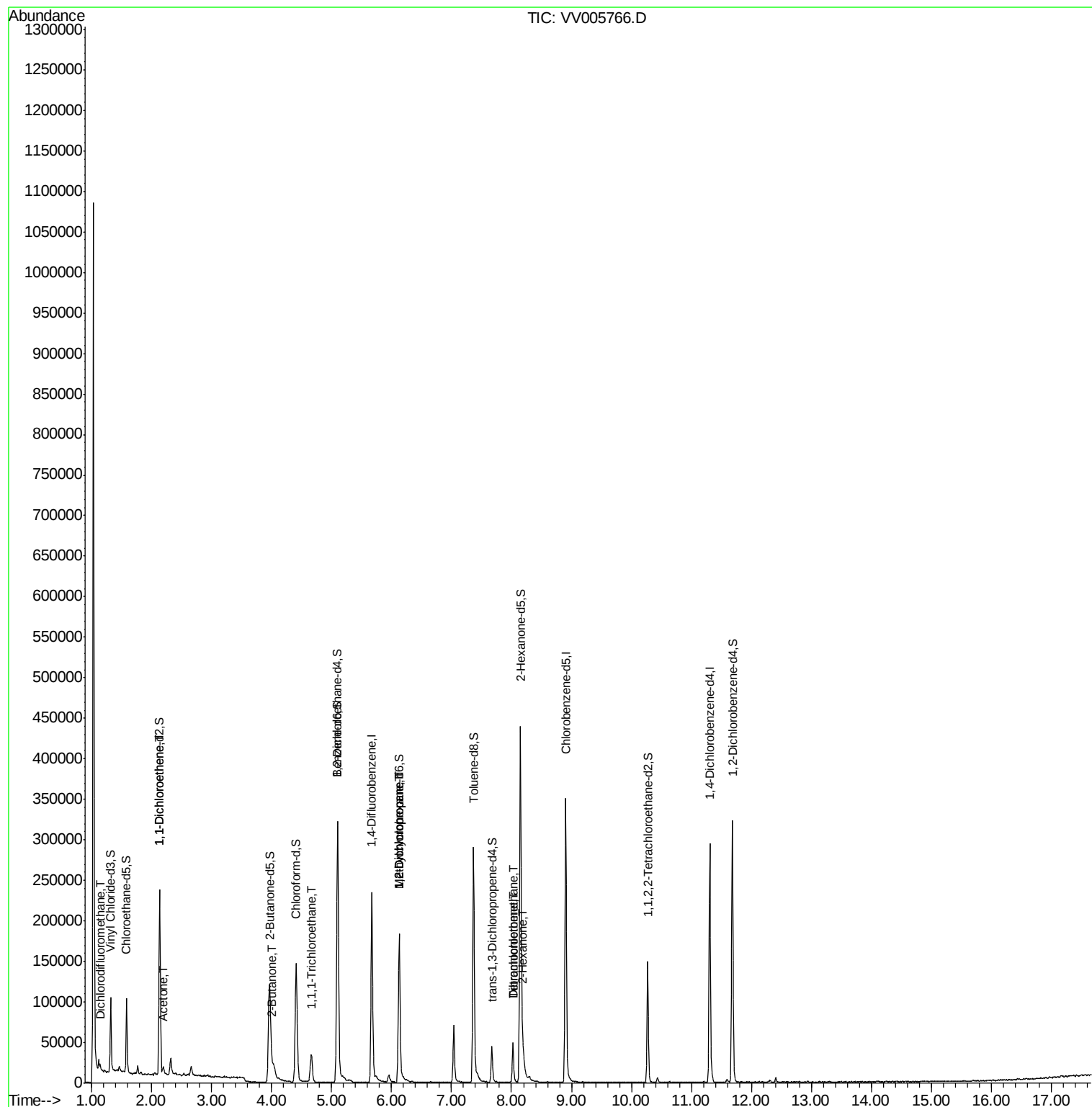
Target Compounds

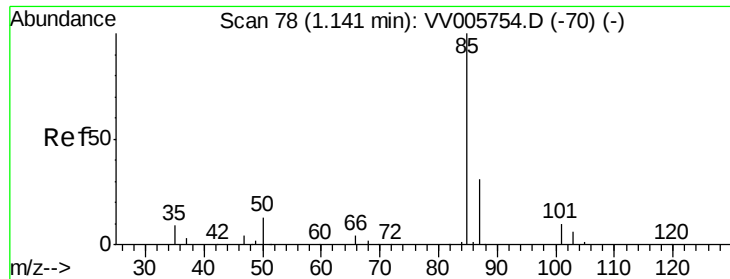
						Qvalue
2) Dichlorodifluoromethane	1.14	85	3687	0.22	ug/L	94
12) 1,1-Dichloroethene	2.14	96	23706	1.87	ug/L #	40
13) Acetone	2.20	43	6776	3.59	ug/L	97
21) 2-Butanone	4.02	43	1014	0.38	ug/L	96
29) 1,1,1-Trichloroethane	4.67	97	25291	1.02	ug/L	98
35) Methylcyclohexane	6.13	83	19604	0.83	ug/L #	22
37) 1,2-Dichloropropane	6.12	63	10372	0.72	ug/L #	89
47) Tetrachloroethene	8.03	164	9822	0.84	ug/L	93
48) 2-Hexanone	8.19	43	9154	1.81	ug/L #	42
49) Dibromochloromethane	8.02	129	9232	0.84	ug/L #	9

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

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QLast Update : Fri May 04 01:33:46 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.22 ug/L

RT: 1.14 min Scan# 78

Delta R.T. -0.00 min

Lab File: VV005766.D

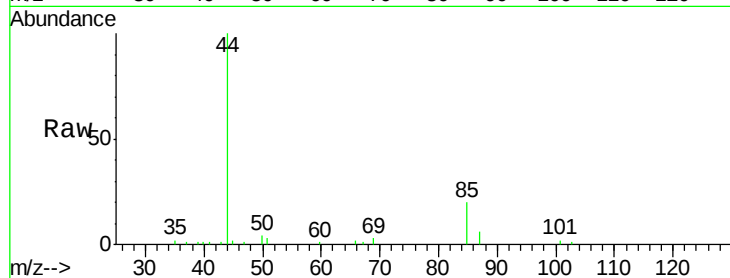
Acq: 03 May 2018 16:48

Tgt Ion: 85 Resp: 3687

Ion Ratio Lower Upper

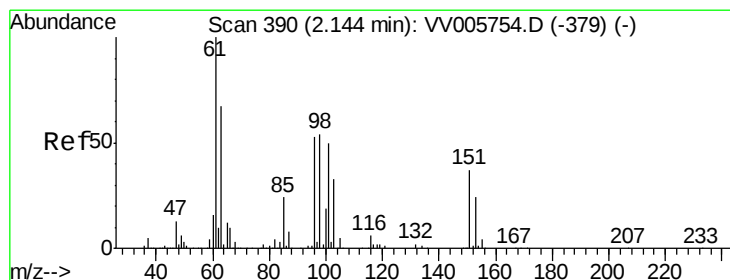
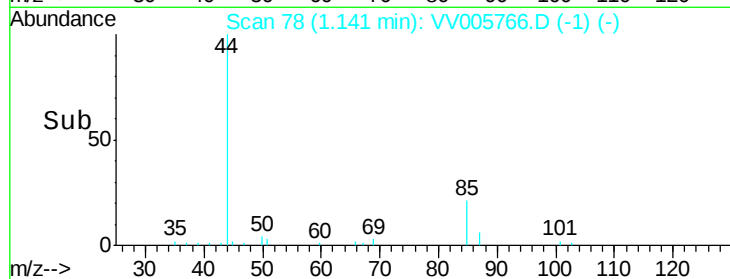
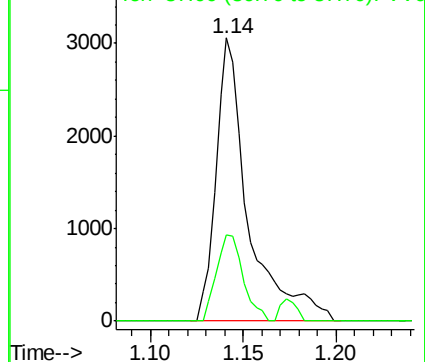
85 100

87 25.1 22.6 33.8



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#12

1,1-Dichloroethene

Concen: 1.87 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV005766.D

Acq: 03 May 2018 16:48

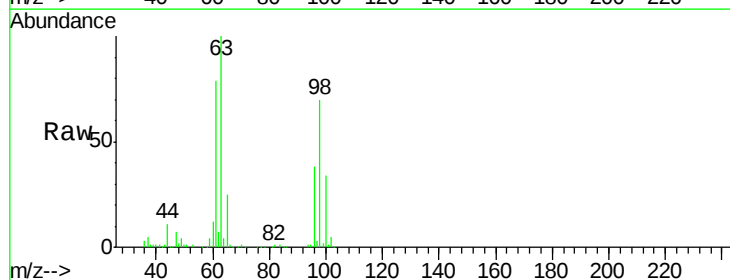
Tgt Ion: 96 Resp: 23706

Ion Ratio Lower Upper

96 100

61 206.9 128.9 239.3

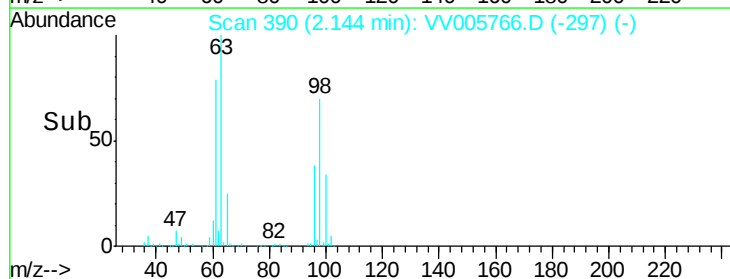
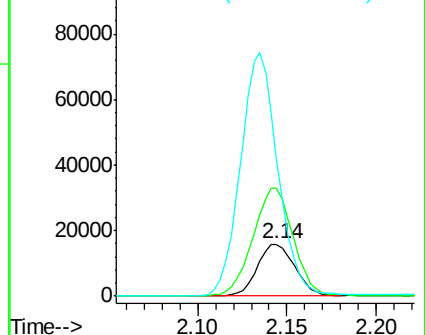
63 262.0 83.2 154.6#

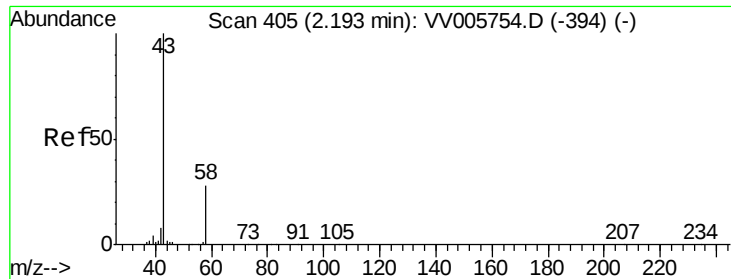


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.59 ug/L

RT: 2.20 min Scan# 406

Delta R.T. 0.00 min

Lab File: VV005766.D

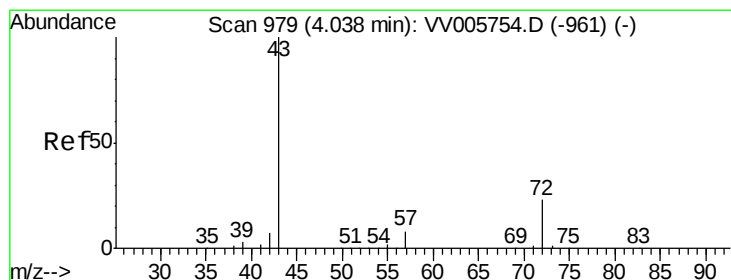
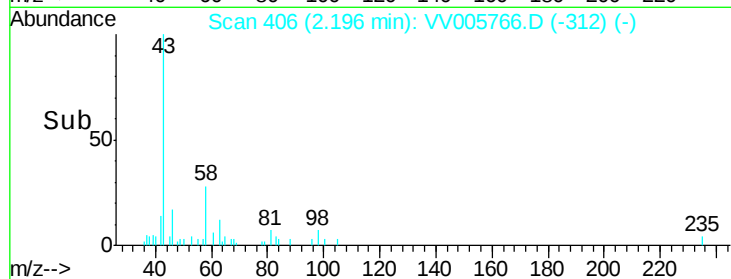
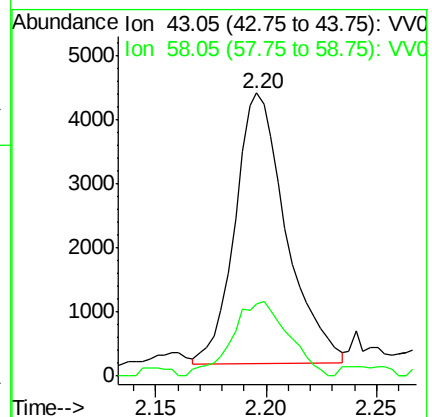
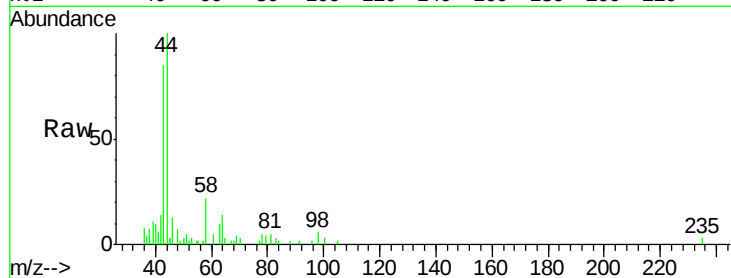
Acq: 03 May 2018 16:48

Tgt Ion: 43 Resp: 6776

Ion Ratio Lower Upper

43 100

58 30.6 0.0 58.0



#21

2-Butanone

Concen: 0.38 ug/L

RT: 4.02 min Scan# 974

Delta R.T. -0.02 min

Lab File: VV005766.D

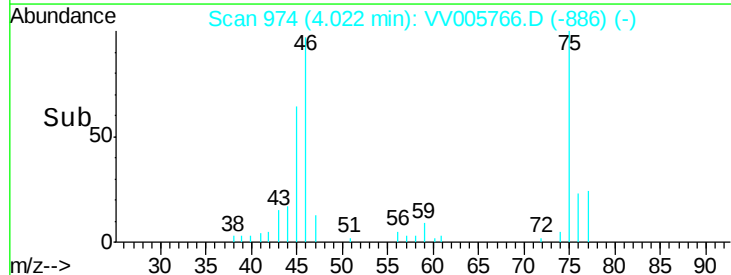
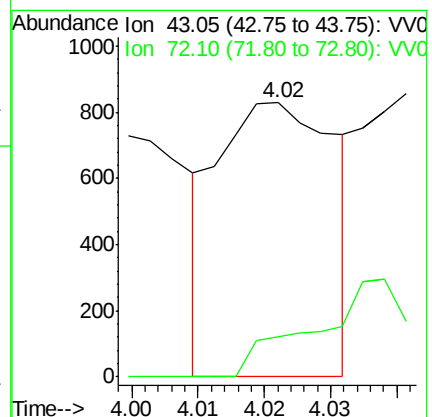
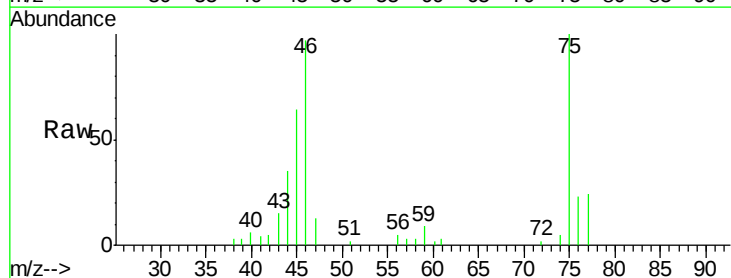
Acq: 03 May 2018 16:48

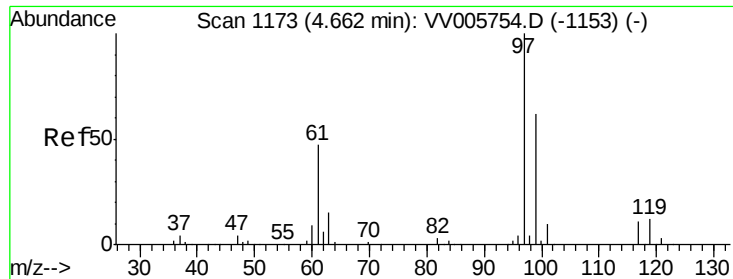
Tgt Ion: 43 Resp: 1014

Ion Ratio Lower Upper

43 100

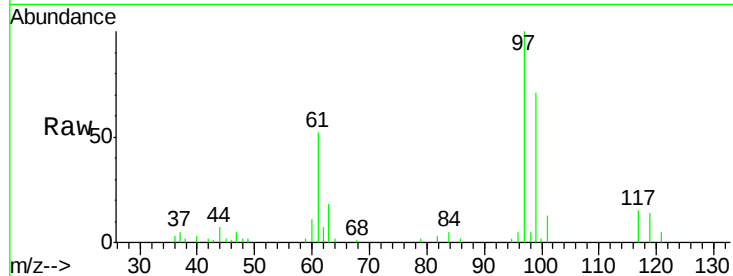
72 26.7 12.4 37.2



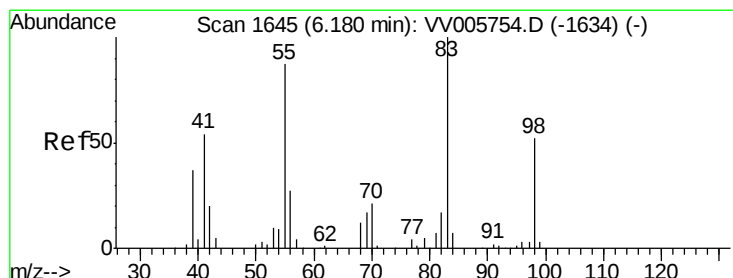
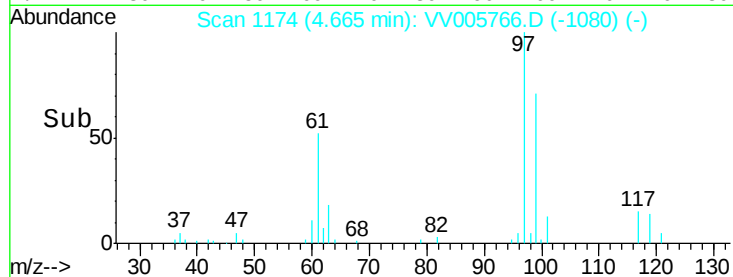
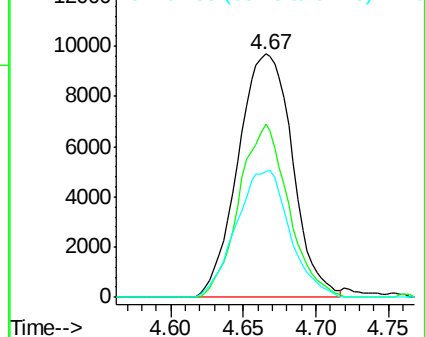


#29
 1,1,1-Trichloroethane
 Concen: 1.02 ug/L
 RT: 4.67 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VV005766.D
 Acq: 03 May 2018 16:48

Tgt Ion:	97	Resp:	25291
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.2	76.8
61	51.2	39.2	58.8

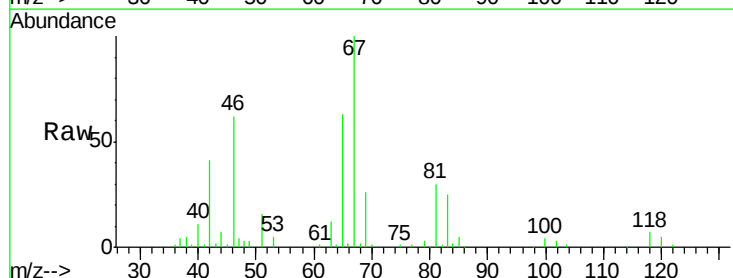


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

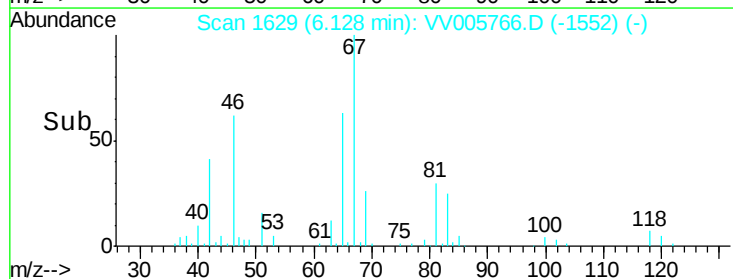
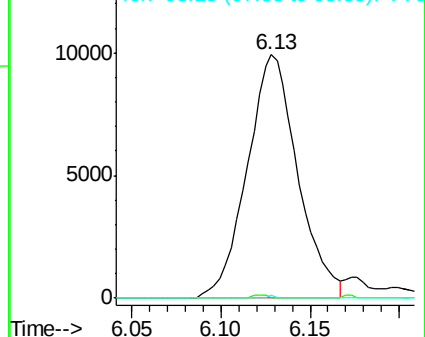


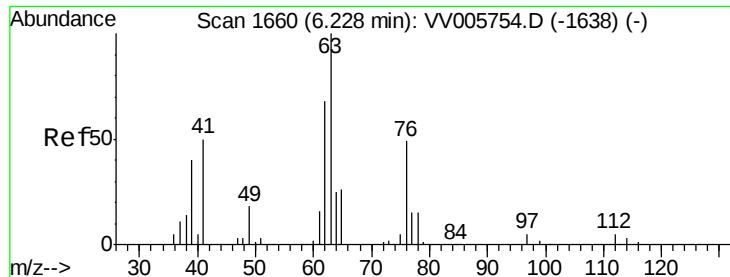
#35
 Methylcyclohexane
 Concen: 0.83 ug/L
 RT: 6.13 min Scan# 1629
 Delta R.T. -0.05 min
 Lab File: VV005766.D
 Acq: 03 May 2018 16:48

Tgt Ion:	83	Resp:	19604
Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.4	95.0#
98	7.7	37.1	55.7#



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: 0.72 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV005766.D

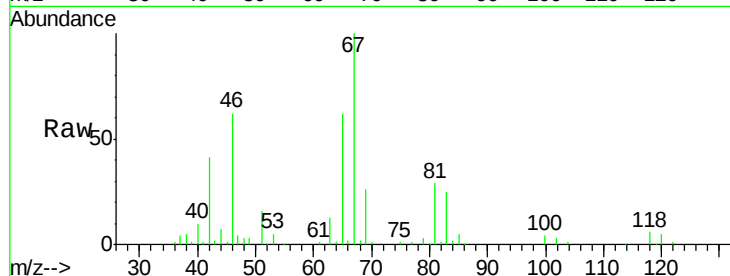
Acq: 03 May 2018 16:48

Tgt Ion: 63 Resp: 10372

Ion Ratio Lower Upper

63 100

112 0.4 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV005754.D (-1638) (-)

Ion 112.10 (111.80 to 112.80): VV005754.D (-1638) (-)

6.12

5000

4000

3000

2000

1000

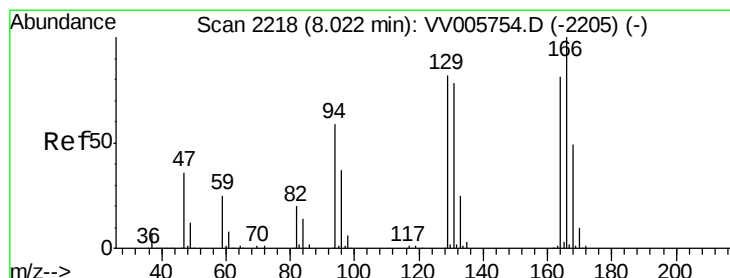
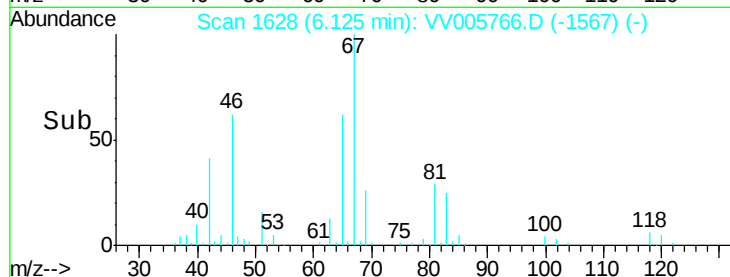
0

Time-->

6.05

6.10

6.15



#47

Tetrachloroethene

Concen: 0.84 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV005766.D

Acq: 03 May 2018 16:48

Tgt Ion: 164 Resp: 9822

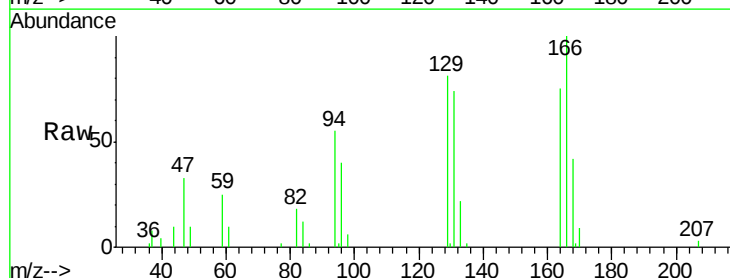
Ion Ratio Lower Upper

164 100

129 107.7 67.3 124.9

131 98.4 71.0 131.8

166 133.0 88.1 163.7



Abundance Ion 163.90 (163.60 to 164.60): VV005754.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VV005754.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VV005754.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VV005754.D (-2205) (-)

12000

10000

8000

6000

4000

2000

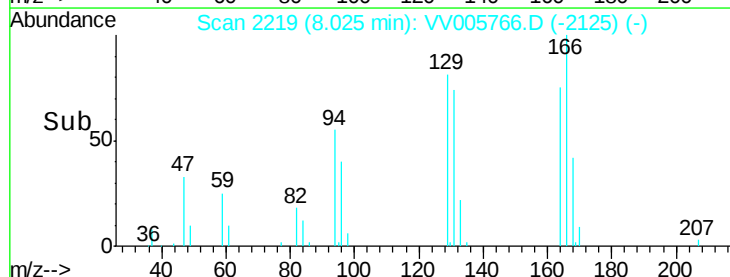
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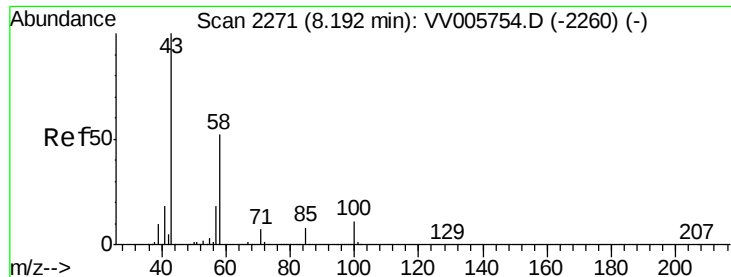
Time-->

7.95

8.00

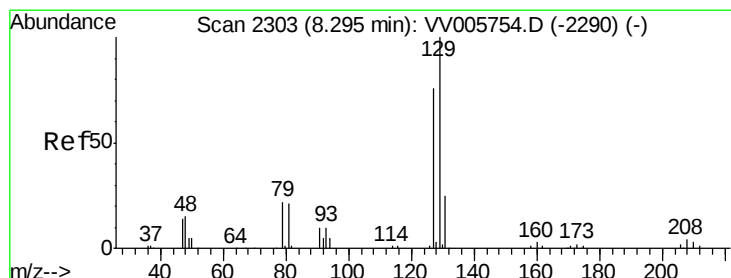
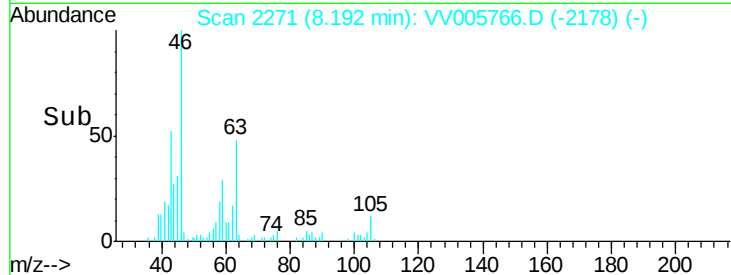
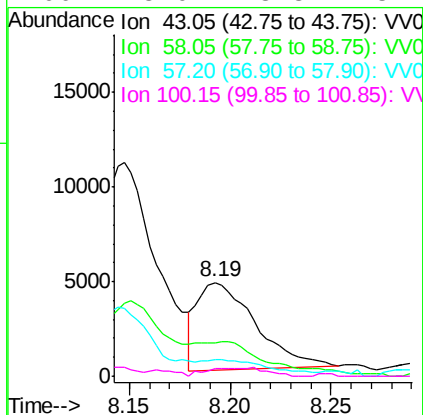
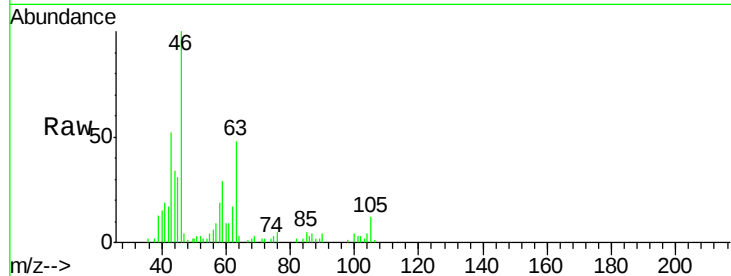
8.05





#48
2-Hexanone
Concen: 1.81 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV005766.D
Acq: 03 May 2018 16:48

Tgt Ion: 43 Resp: 9154
Ion Ratio Lower Upper
43 100
58 0.0 40.2 60.2#
57 0.0 14.7 22.1#
100 5.0 8.8 13.2#



#49
Dibromochloromethane
Concen: 0.84 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV005766.D
Acq: 03 May 2018 16:48

Tgt Ion: 129 Resp: 9232
Ion Ratio Lower Upper
129 100
127 0.0 56.6 105.2#

