

Data Path : W:\HPCHEM1\MSVOA_V\DATA\VV050318\
 Data File : VV005760.D
 Acq On : 03 May 2018 14:02
 Operator : SY/MD
 Sample : J2594-17
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 01:34:58 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	215743	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	210105	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82640	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51258	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.58	69	52689	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.13	63	102142	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.96	46	193063	67.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.40%#
24) Chloroform-d	4.41	84	130545	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.09	65	78597	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.11	84	217266	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.13	67	74819	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.37	98	180224	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloropropene-	7.67	79	26421	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.14	63	123890	58.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	60810	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	72353	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

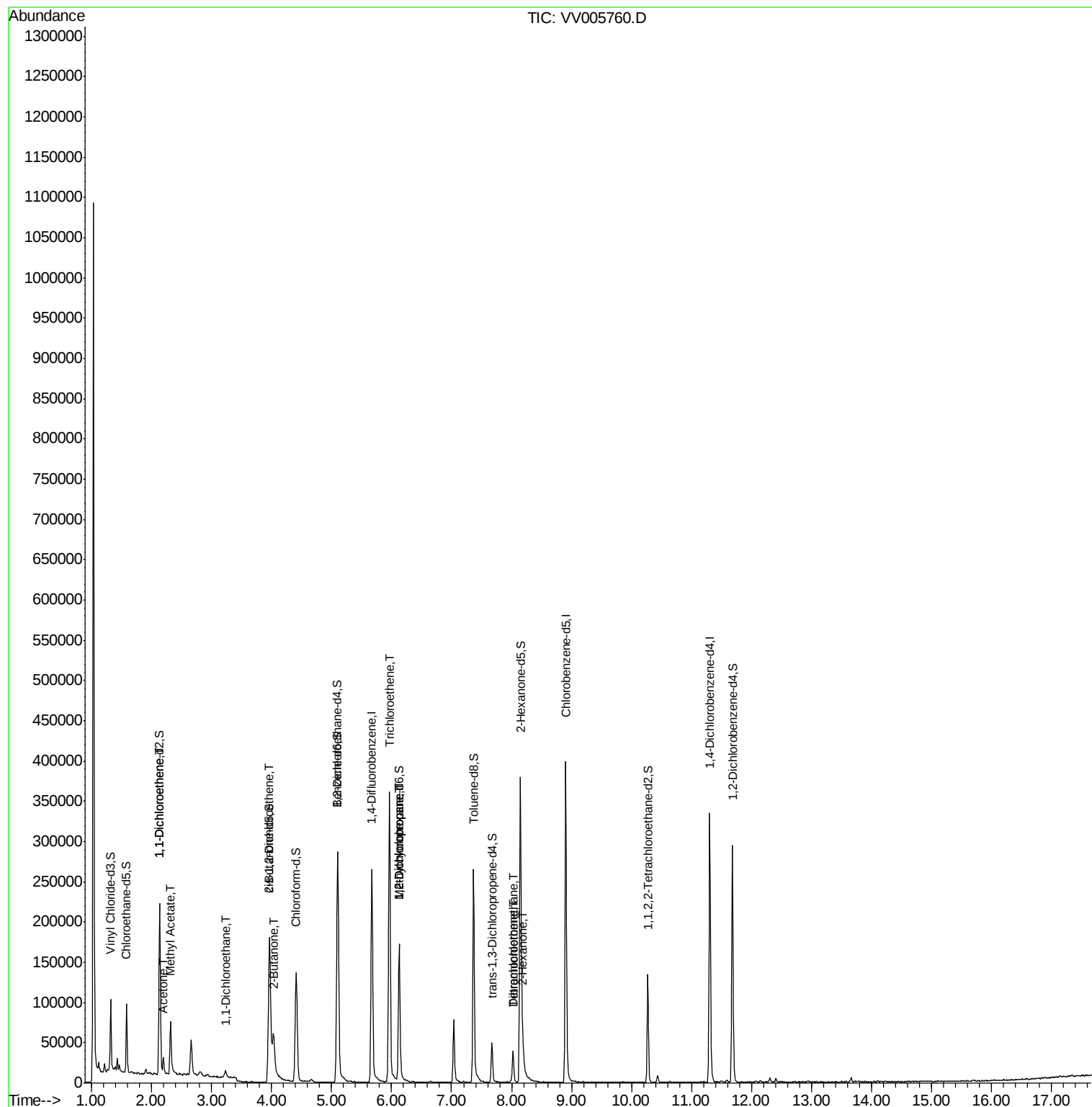
Target Compounds

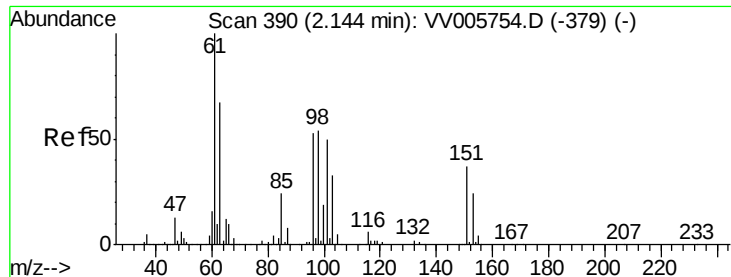
						Qvalue
12) 1,1-Dichloroethene	2.14	96	24048	1.60	ug/L #	48
13) Acetone	2.20	43	19155	8.59	ug/L	98
15) Methyl Acetate	2.32	43	18439	2.99	ug/L #	56
19) 1,1-Dichloroethane	3.23	63	8083	0.27	ug/L	96
21) 2-Butanone	4.03	43	1485	0.48	ug/L	89
22) cis-1,2-Dichloroethene	3.97	96	37654	2.35	ug/L	97
34) Trichloroethene	5.97	95	122565	6.96	ug/L	99
35) Methylcyclohexane	6.13	83	17647	0.68	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8852	0.56	ug/L #	88
47) Tetrachloroethene	8.03	164	7636	0.59	ug/L	95
48) 2-Hexanone	8.19	43	12084	2.16	ug/L #	76
49) Dibromochloromethane	8.03	129	6748	0.56	ug/L #	9

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

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#12

1,1-Dichloroethene

Concen: 1.60 ug/L

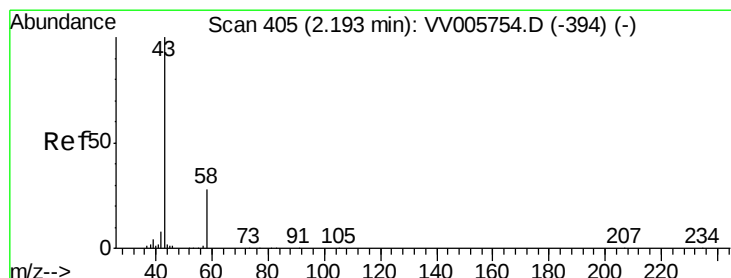
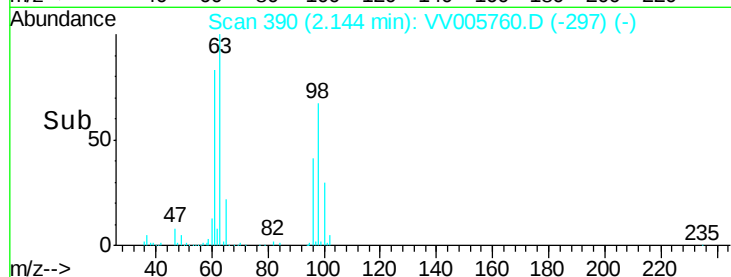
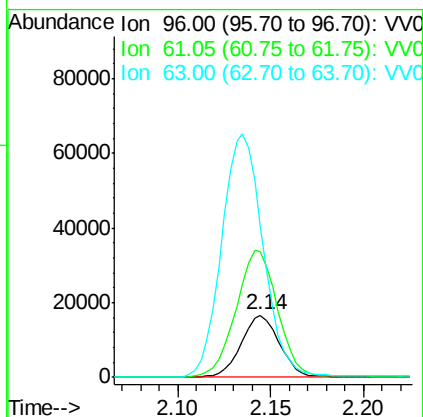
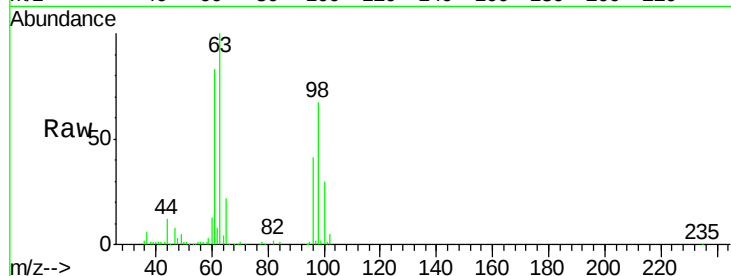
RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV005760.D

Acq: 03 May 2018 14:02

Tgt Ion:	96	Resp:	24048
Ion	Ratio	Lower	Upper
96	100		
61	201.8	128.9	239.3
63	244.3	83.2	154.6#



#13

Acetone

Concen: 8.59 ug/L

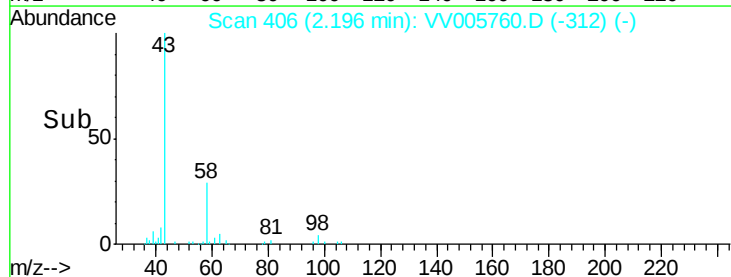
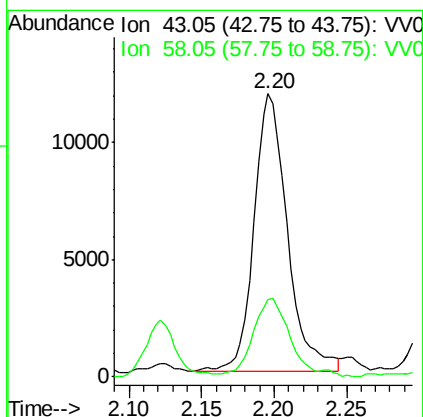
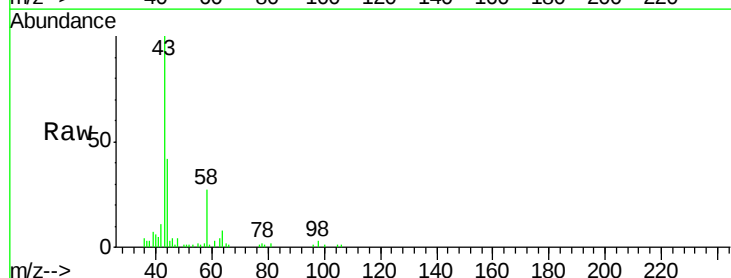
RT: 2.20 min Scan# 406

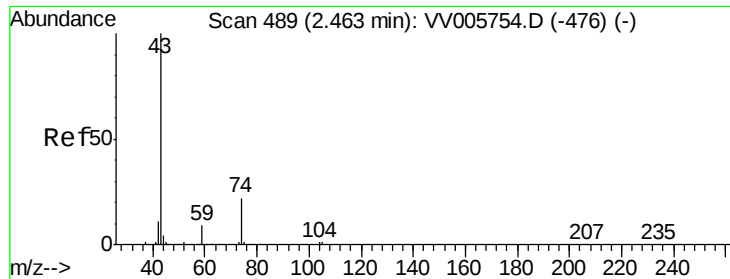
Delta R.T. 0.00 min

Lab File: VV005760.D

Acq: 03 May 2018 14:02

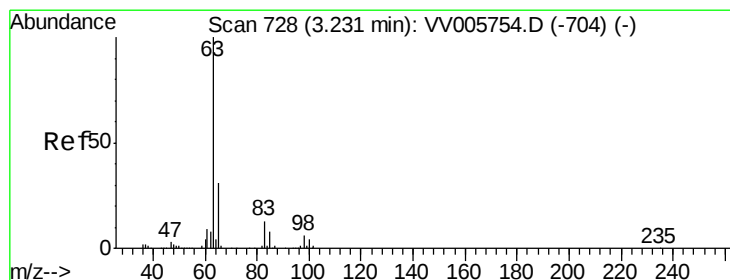
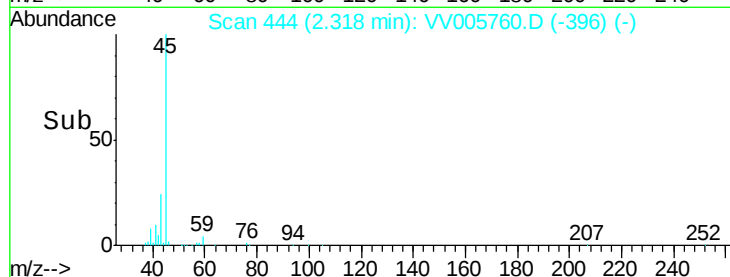
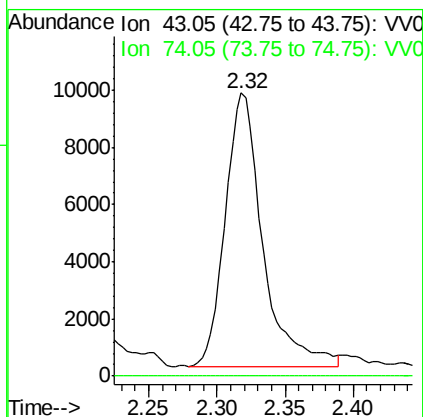
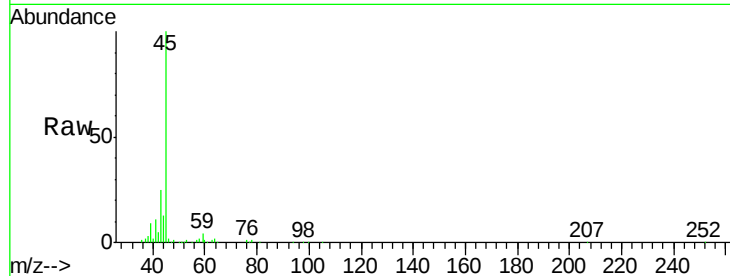
Tgt Ion:	43	Resp:	19155
Ion	Ratio	Lower	Upper
43	100		
58	28.1	0.0	58.0





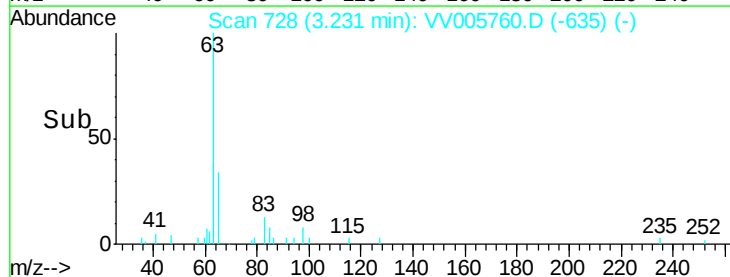
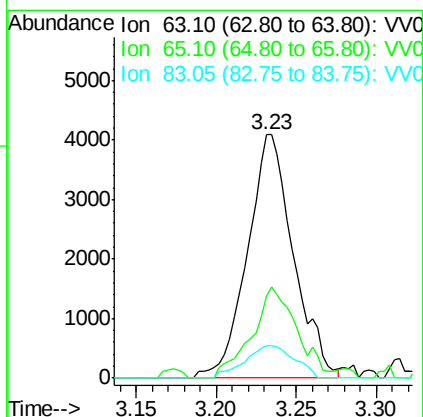
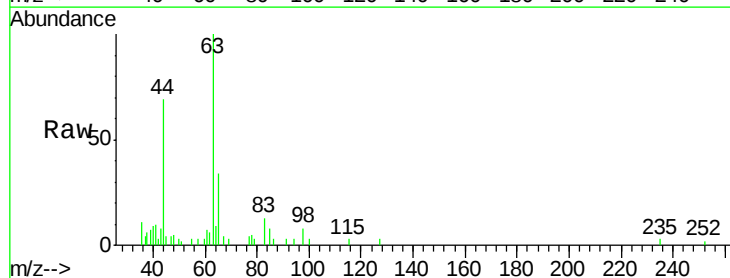
#15
Methyl Acetate
Concen: 2.99 ug/L
RT: 2.32 min Scan# 444
Delta R.T. -0.14 min
Lab File: VV005760.D
Acq: 03 May 2018 14:02

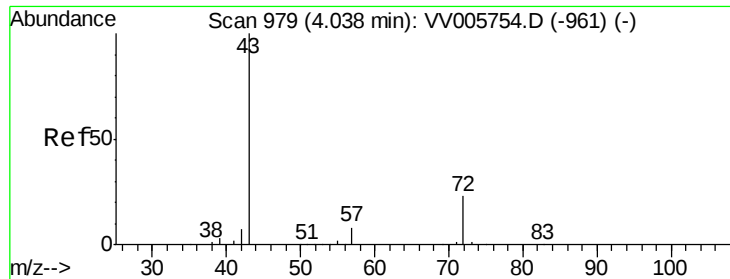
Tgt Ion: 43 Resp: 18439
Ion Ratio Lower Upper
43 100
74 0.4 17.0 25.4#



#19
1,1-Dichloroethane
Concen: 0.27 ug/L
RT: 3.23 min Scan# 728
Delta R.T. -0.00 min
Lab File: VV005760.D
Acq: 03 May 2018 14:02

Tgt Ion: 63 Resp: 8083
Ion Ratio Lower Upper
63 100
65 33.8 21.5 39.9
83 13.2 9.6 17.8





#21

2-Butanone

Concen: 0.48 ug/L

RT: 4.03 min Scan# 977

Delta R.T. -0.01 min

Lab File: VV005760.D

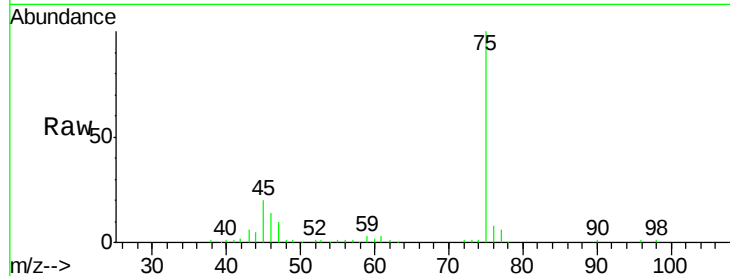
Acq: 03 May 2018 14:02

Tgt Ion: 43 Resp: 1485

Ion Ratio Lower Upper

43 100

72 30.4 12.4 37.2



Abundance Ion 43.05 (42.75 to 43.75): VV005754.D (-961) (-)

Ion 72.10 (71.80 to 72.80): VV005754.D (-961) (-)

4.03

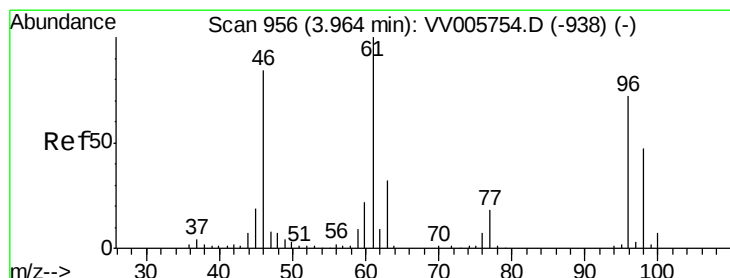
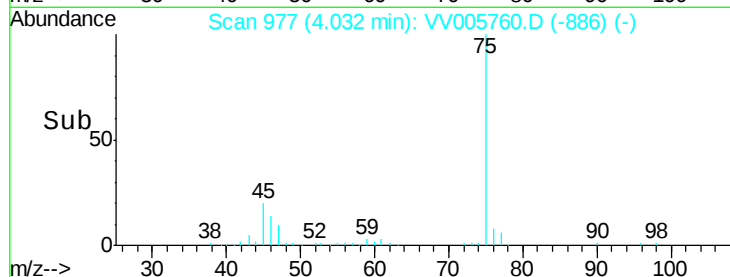
1500

1000

500

0

Time-->



#22

cis-1,2-Dichloroethene

Concen: 2.35 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.01 min

Lab File: VV005760.D

Acq: 03 May 2018 14:02

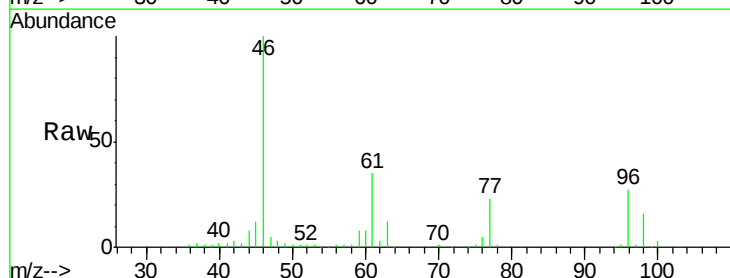
Tgt Ion: 96 Resp: 37654

Ion Ratio Lower Upper

96 100

61 132.4 95.3 177.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV005754.D (-938) (-)

Ion 61.05 (60.75 to 61.75): VV005754.D (-938) (-)

Ion 68.15 (67.85 to 68.85): VV005754.D (-938) (-)

3.97

25000

20000

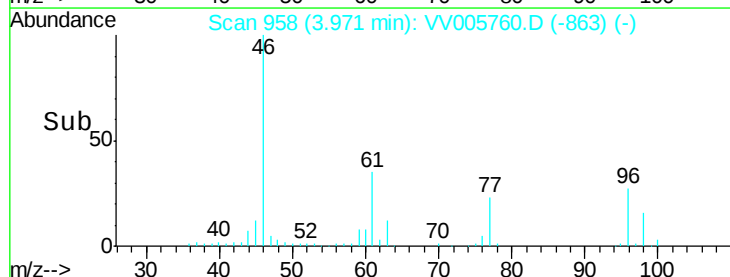
15000

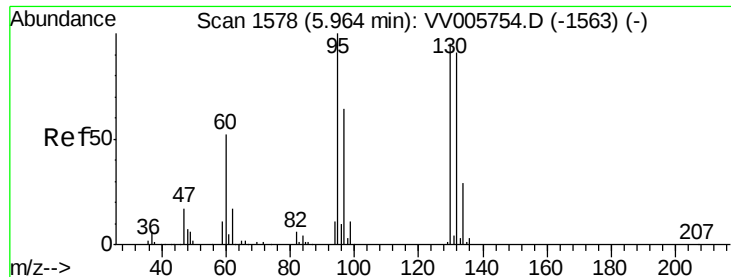
10000

5000

0

Time-->





#34

Trichloroethene

Concen: 6.96 ug/L

RT: 5.97 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VV005760.D

Acq: 03 May 2018 14:02

Tgt Ion: 95 Resp: 122565

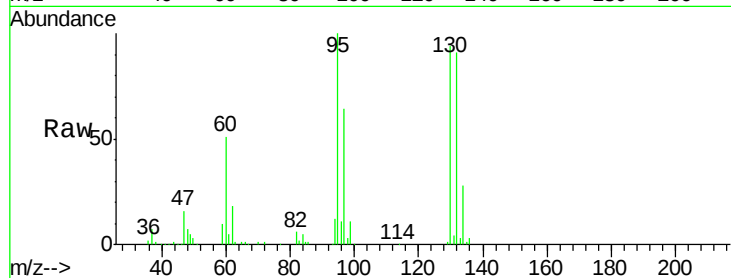
Ion Ratio Lower Upper

95 100

97 64.3 44.4 82.4

132 90.9 65.2 121.2

130 94.4 65.7 122.1

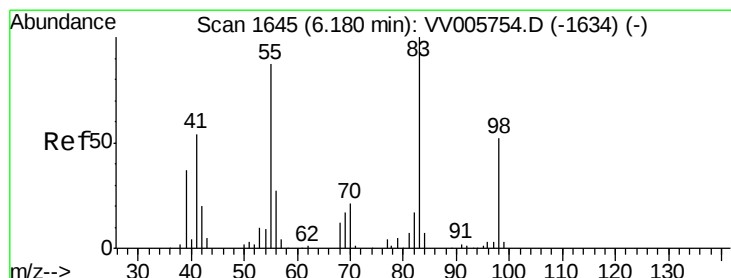
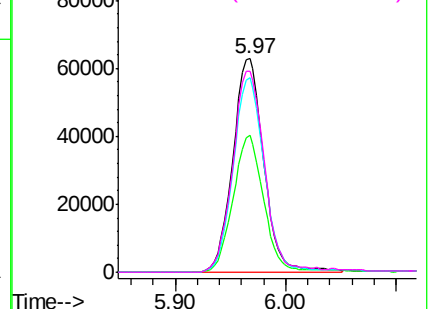
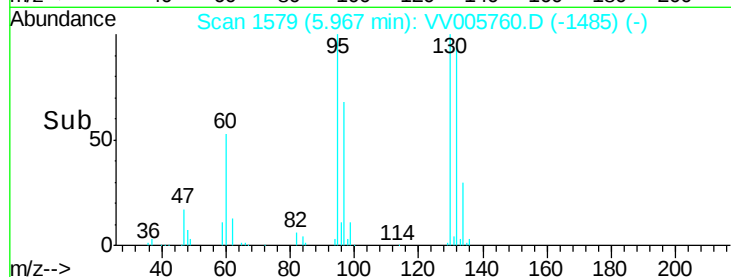


Abundance Ion 95.00 (94.70 to 95.70): VV005760.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VV005760.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VV005760.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VV005760.D (-1485) (-)



#35

Methylcyclohexane

Concen: 0.68 ug/L

RT: 6.13 min Scan# 1629

Delta R.T. -0.05 min

Lab File: VV005760.D

Acq: 03 May 2018 14:02

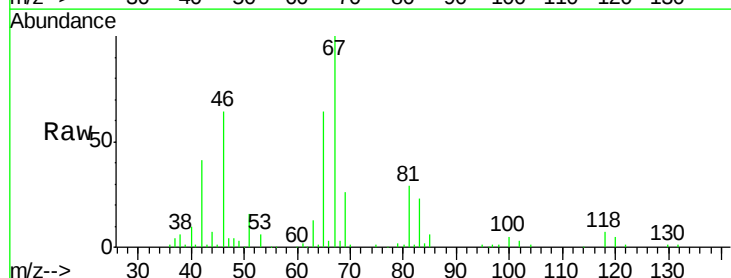
Tgt Ion: 83 Resp: 17647

Ion Ratio Lower Upper

83 100

55 0.4 63.4 95.0#

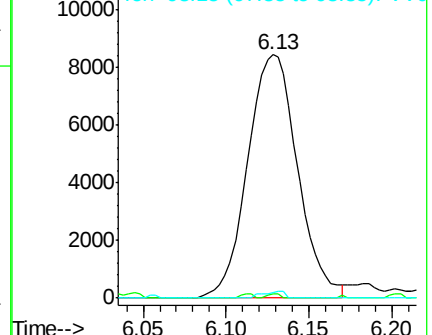
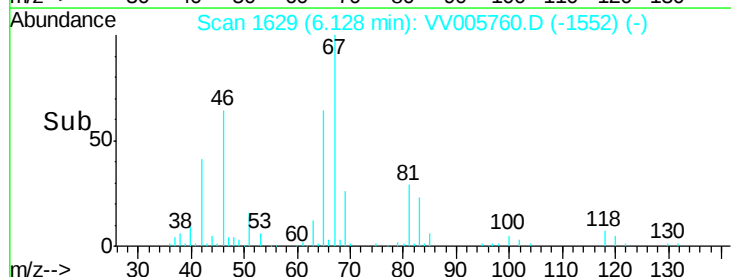
98 1.2 37.1 55.7#

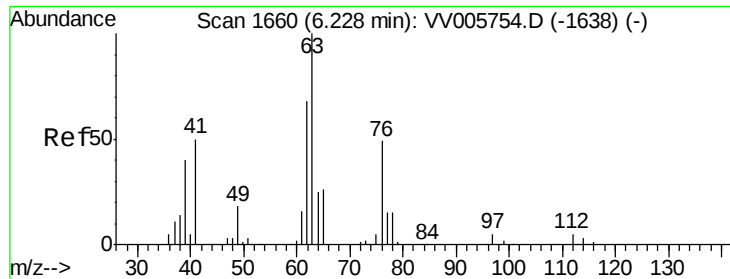


Abundance Ion 83.15 (82.85 to 83.85): VV005760.D (-1552) (-)

Ion 55.10 (54.80 to 55.80): VV005760.D (-1552) (-)

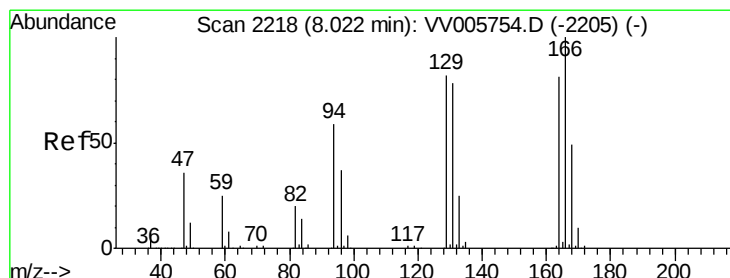
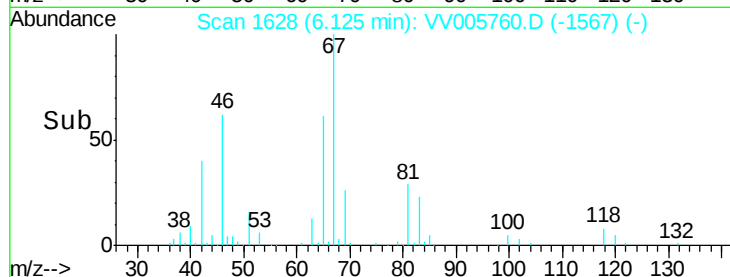
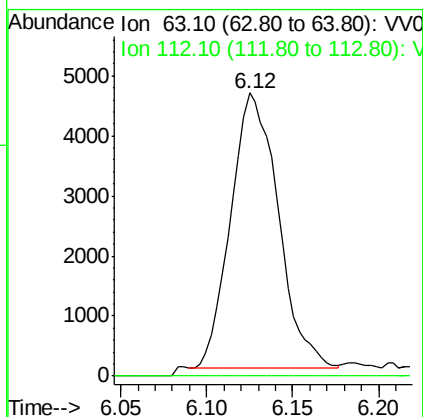
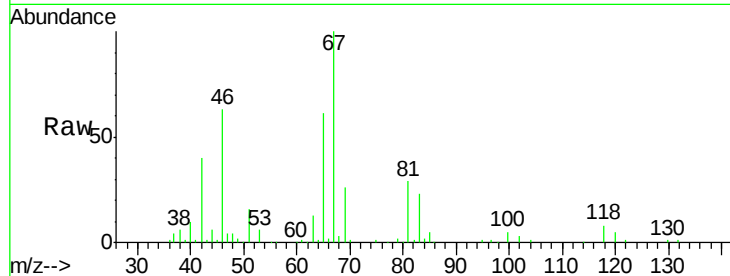
Ion 98.15 (97.85 to 98.85): VV005760.D (-1552) (-)





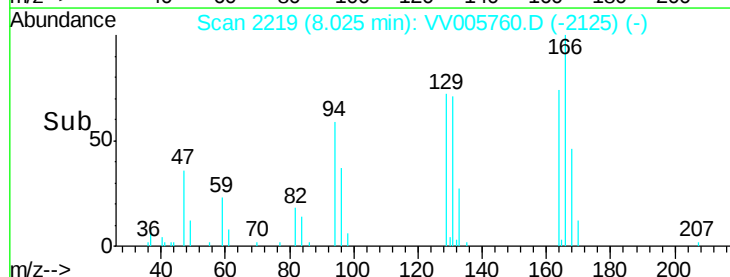
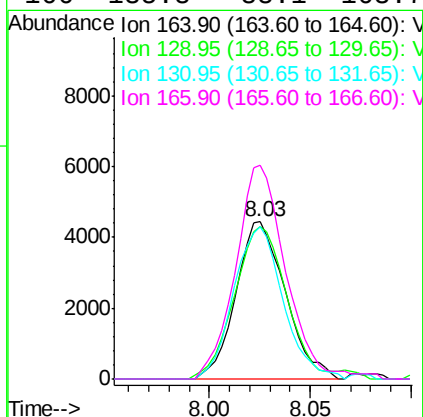
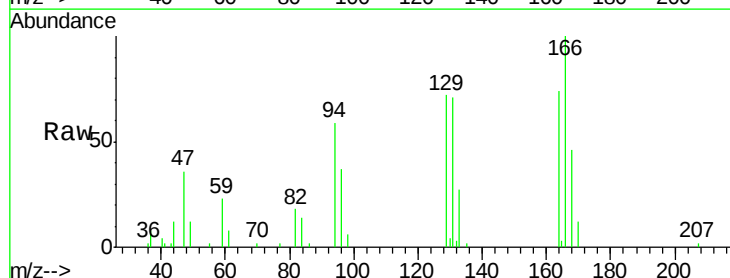
#37
 1,2-Dichloropropane
 Concen: 0.56 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV005760.D
 Acq: 03 May 2018 14:02

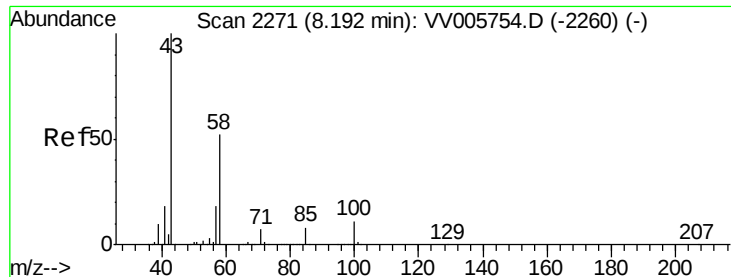
Tgt Ion: 63 Resp: 8852
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.4 5.0#



#47
 Tetrachloroethene
 Concen: 0.59 ug/L
 RT: 8.03 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VV005760.D
 Acq: 03 May 2018 14:02

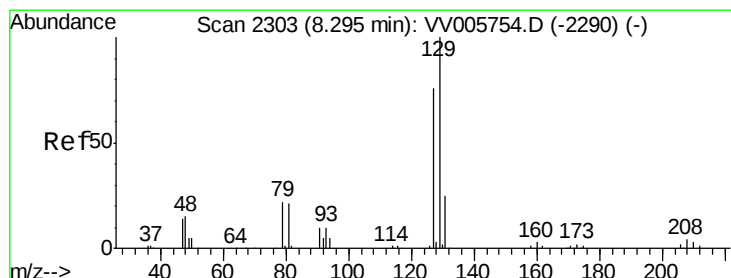
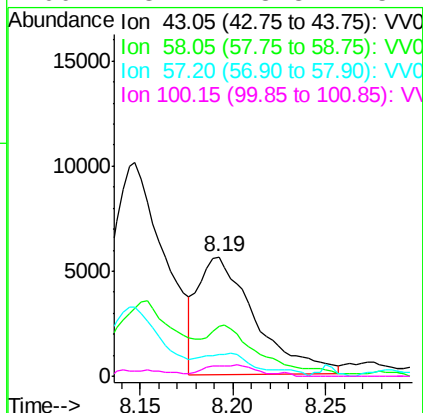
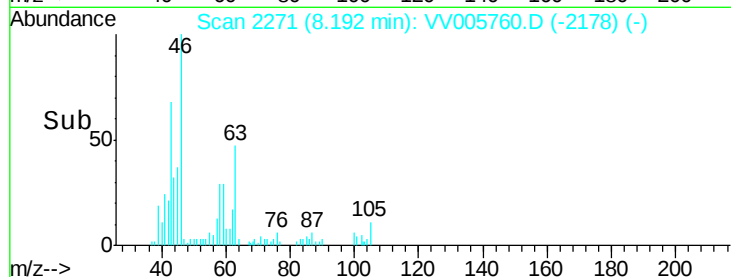
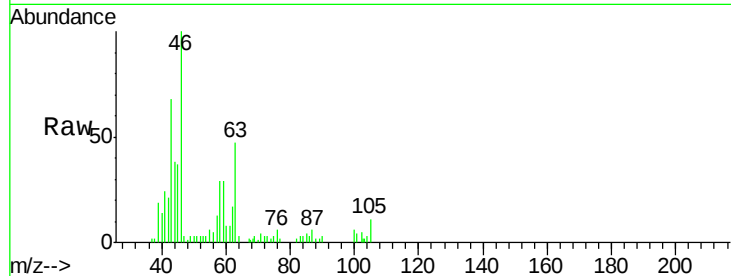
Tgt Ion: 164 Resp: 7636
 Ion Ratio Lower Upper
 164 100
 129 97.3 67.3 124.9
 131 97.1 71.0 131.8
 166 135.8 88.1 163.7





#48
2-Hexanone
Concen: 2.16 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV005760.D
Acq: 03 May 2018 14:02

Tgt Ion: 43 Resp: 12084
Ion Ratio Lower Upper
43 100
58 28.8 40.2 60.2#
57 11.4 14.7 22.1#
100 8.2 8.8 13.2#



#49
Dibromochloromethane
Concen: 0.56 ug/L
RT: 8.03 min Scan# 2219
Delta R.T. -0.27 min
Lab File: VV005760.D
Acq: 03 May 2018 14:02

Tgt Ion: 129 Resp: 6748
Ion Ratio Lower Upper
129 100
127 0.0 56.6 105.2#

