

Data File : VV006090.D
Acq On : 27 May 2018 17:16
Operator : SY/MD
Sample : VV0527WBL01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 28 00:48:04 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 00:47:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	252459	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	234448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	106018	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101269	47.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.96%
7) Chloroethane-d5	1.55	69	29894	38.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.86%
11) 1,1-Dichloroethene-d2	2.12	63	143203	37.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.76%
21) 2-Butanone-d5	3.95	46	107639	100.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.95%
24) Chloroform-d	4.40	84	181393	48.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.96%
26) 1,2-Dichloroethane-d4	5.09	65	127071	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.76%
32) Benzene-d6	5.10	84	384585	50.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.54%
36) 1,2-Dichloropropane-d6	6.12	67	128214	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.62%
41) Toluene-d8	7.36	98	342501	48.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.67	79	54467	50.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.28%
47) 2-Hexanone-d5	8.15	63	100810	103.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	174973	49.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.54%
64) 1,2-Dichlorobenzene-d4	11.68	152	142674	53.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.46%

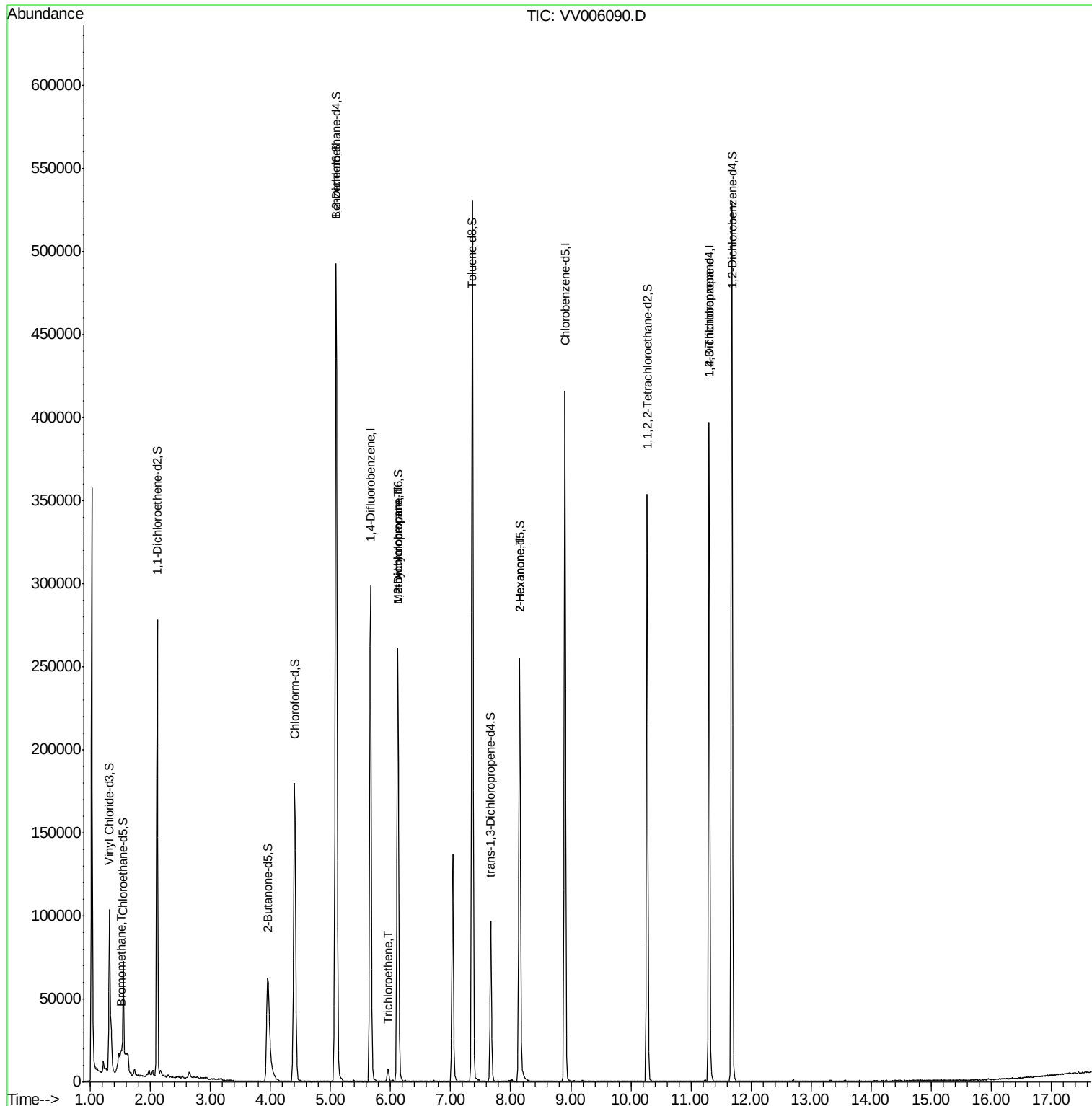
Target Compounds

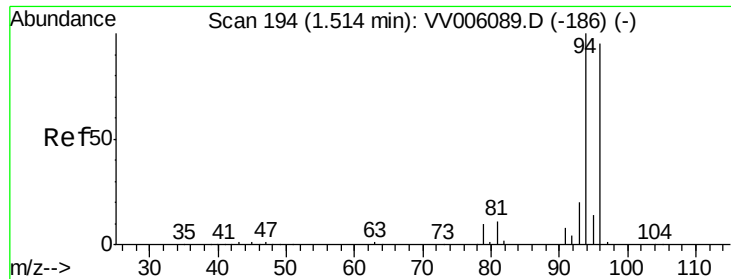
						Qvalue
6) Bromomethane	1.51	94	1018	1.24	ug/L	83
34) Trichloroethene	5.96	95	2437	1.32	ug/L	92
35) Methylcyclohexane	6.12	83	29611	9.87	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	13608	6.76	ug/L #	88
48) 2-Hexanone	8.15	43	14499	6.65	ug/L #	70
59) 1,2,3-Trichloropropane	11.30	75	11864	4.74	ug/L	90

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

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#6

Bromomethane

Concen: 1.24 ug/L

RT: 1.51 min Scan# 194

Delta R.T. -0.00 min

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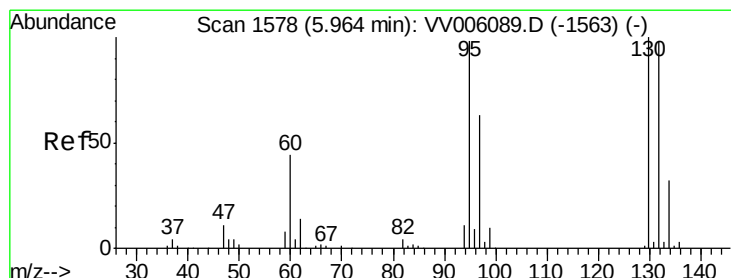
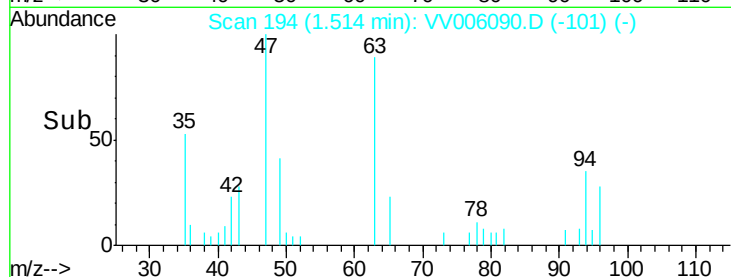
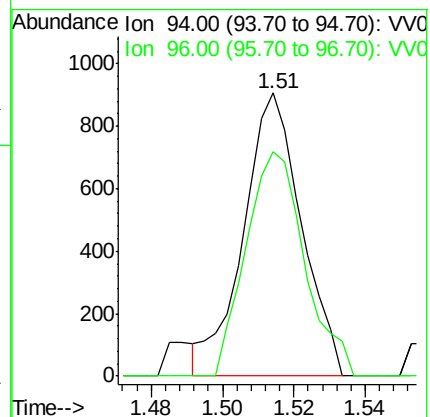
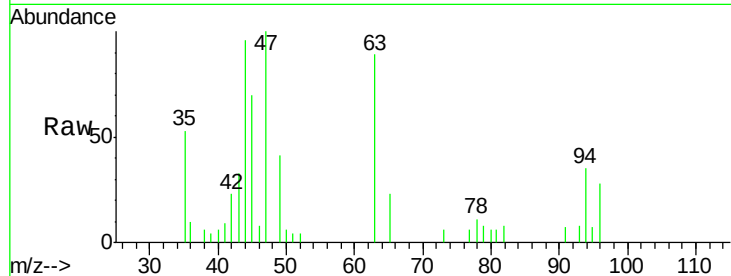
Acq: 27 May 2018 17:16

Tgt Ion: 94 Resp: 1018

Ion Ratio Lower Upper

94 100

96 79.5 67.3 125.1



#34

Trichloroethene

Concen: 1.32 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VV006090.D

Acq: 27 May 2018 17:16

Tgt Ion: 95 Resp: 2437

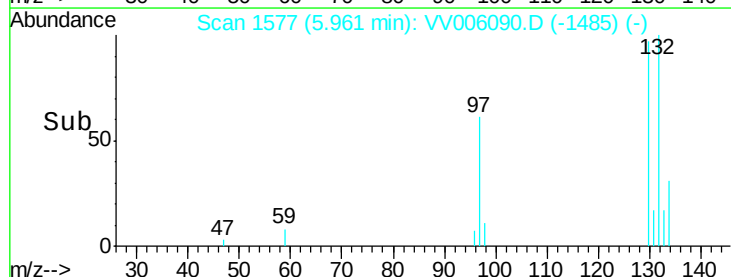
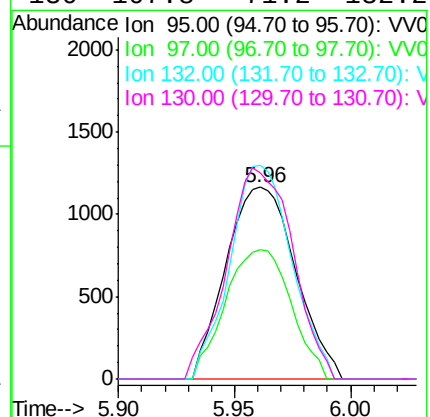
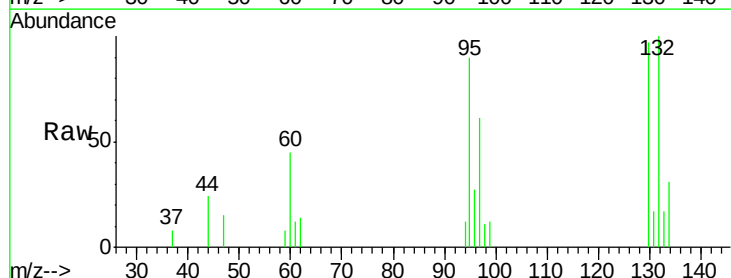
Ion Ratio Lower Upper

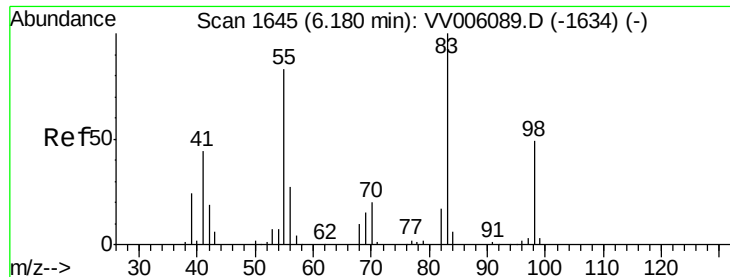
95 100

97 67.7 45.4 84.4

132 111.4 69.0 128.2

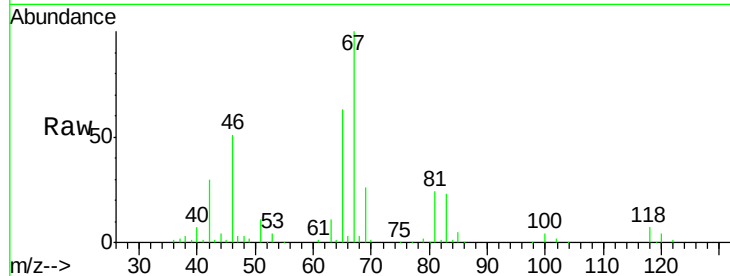
130 107.8 71.2 132.2





#35
Methylcyclohexane
Concen: 9.87 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.06 min
Lab File: VV006090.D
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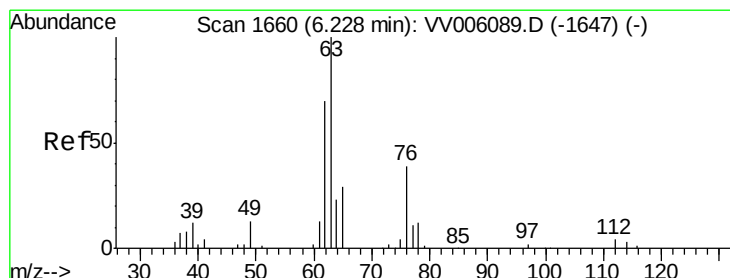
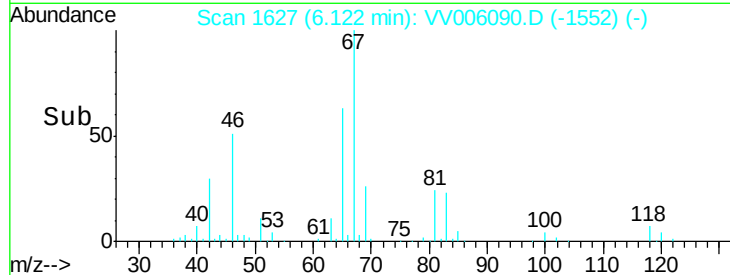
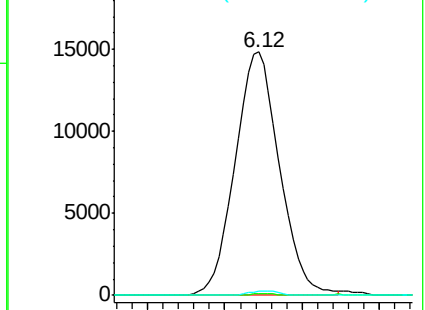
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.8	94.2#
98	1.2	37.5	56.3#



Abundance Ion 83.00 (82.70 to 83.70): VV006090.D (-1552) (-)

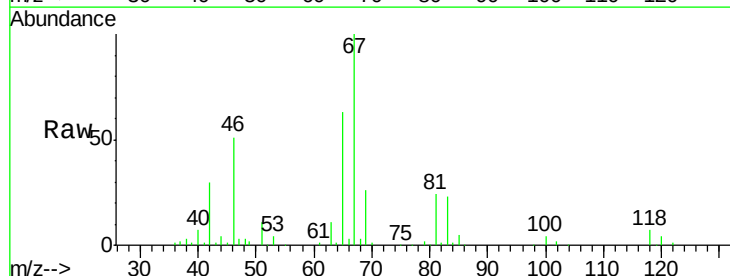
Ion 55.00 (54.70 to 55.70): VV006090.D (-1552) (-)

Ion 98.00 (97.70 to 98.70): VV006090.D (-1552) (-)



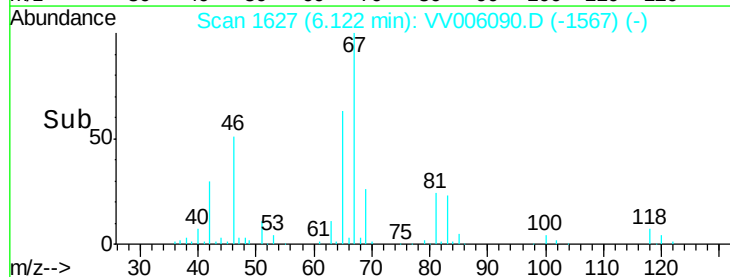
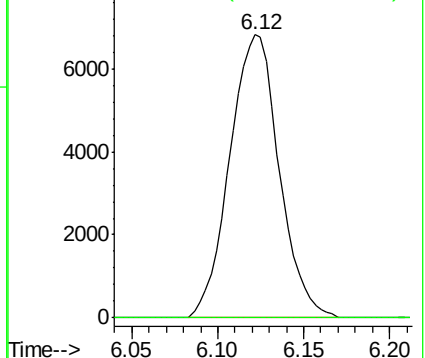
#37
1,2-Dichloropropane
Concen: 6.76 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VV006090.D
Acq: 27 May 2018 17:16

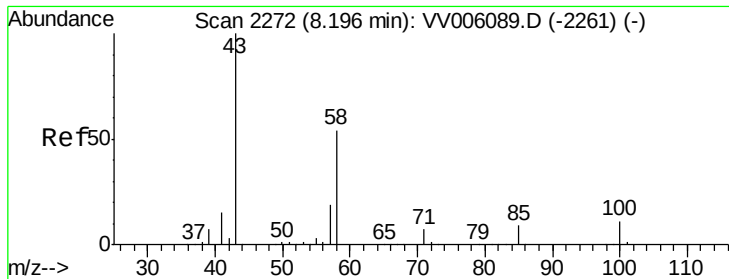
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



Abundance Ion 63.00 (62.70 to 63.70): VV006090.D (-1567) (-)

Ion 112.00 (111.70 to 112.70): VV006090.D (-1567) (-)





#48

2-Hexanone

Concen: 6.65 ug/L

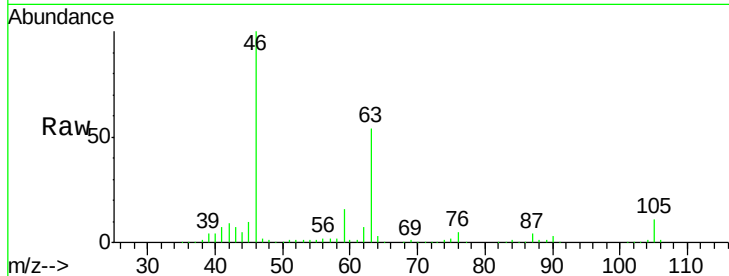
RT: 8.15 min Scan# 2257

Delta R.T. -0.05 min

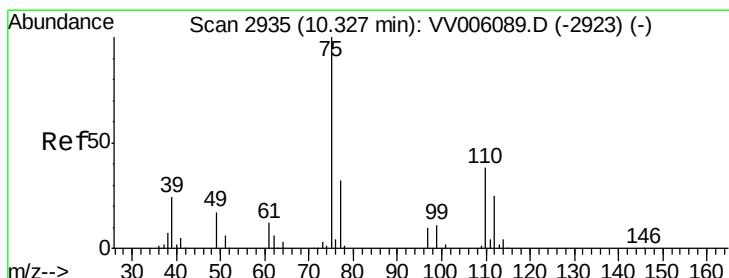
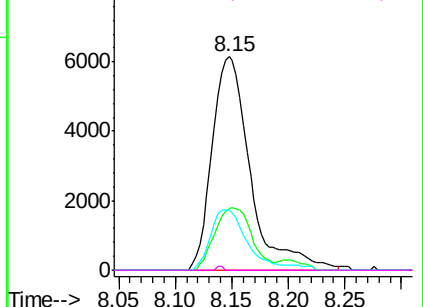
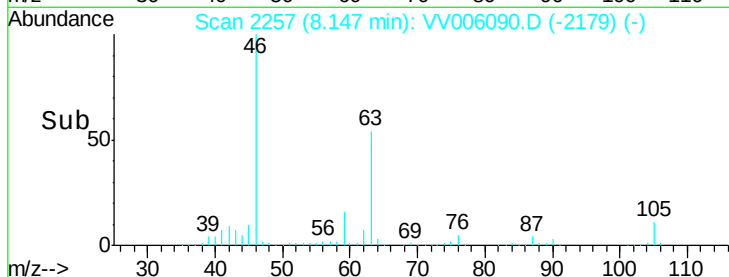
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Tgt Ion:	43	Resp:	14499
Ion	Ratio	Lower	Upper
43	100		
58	28.3	42.2	63.4#
57	26.4	14.5	21.7#
100	0.3	8.7	13.1#



Abundance Ion 43.00 (42.70 to 43.70): VV006090.D (-2257) (-)



#59

1,2,3-Trichloropropane

Concen: 4.74 ug/L

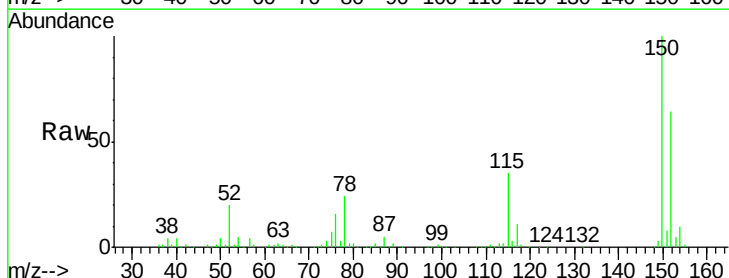
RT: 11.30 min Scan# 3238

Delta R.T. 0.97 min

Lab File: VV006090.D

Acq: 27 May 2018 17:16

Tgt Ion:	75	Resp:	11864
Ion	Ratio	Lower	Upper
75	100		
77	37.9	25.8	38.8



Abundance Ion 75.00 (74.70 to 75.70): VV006090.D (-3238) (-)

