

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100518\
 Data File : VV008099.D
 Acq On : 05 Oct 2018 15:43
 Operator : SY/MD
 Sample : J5246-17RE
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J85RE

Quant Time: Oct 08 07:28:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 08 05:22:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	106443	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	99904	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48124	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28604	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.59	69	24413	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.14	63	45407	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.96	46	73619	46.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.66%
24) Chloroform-d	4.41	84	60991	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.09	65	30979	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.10	84	117095	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.12	67	37199	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.36	98	106946	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.67	79	12508	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.14	63	53499	47.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.24%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24997	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	42628	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

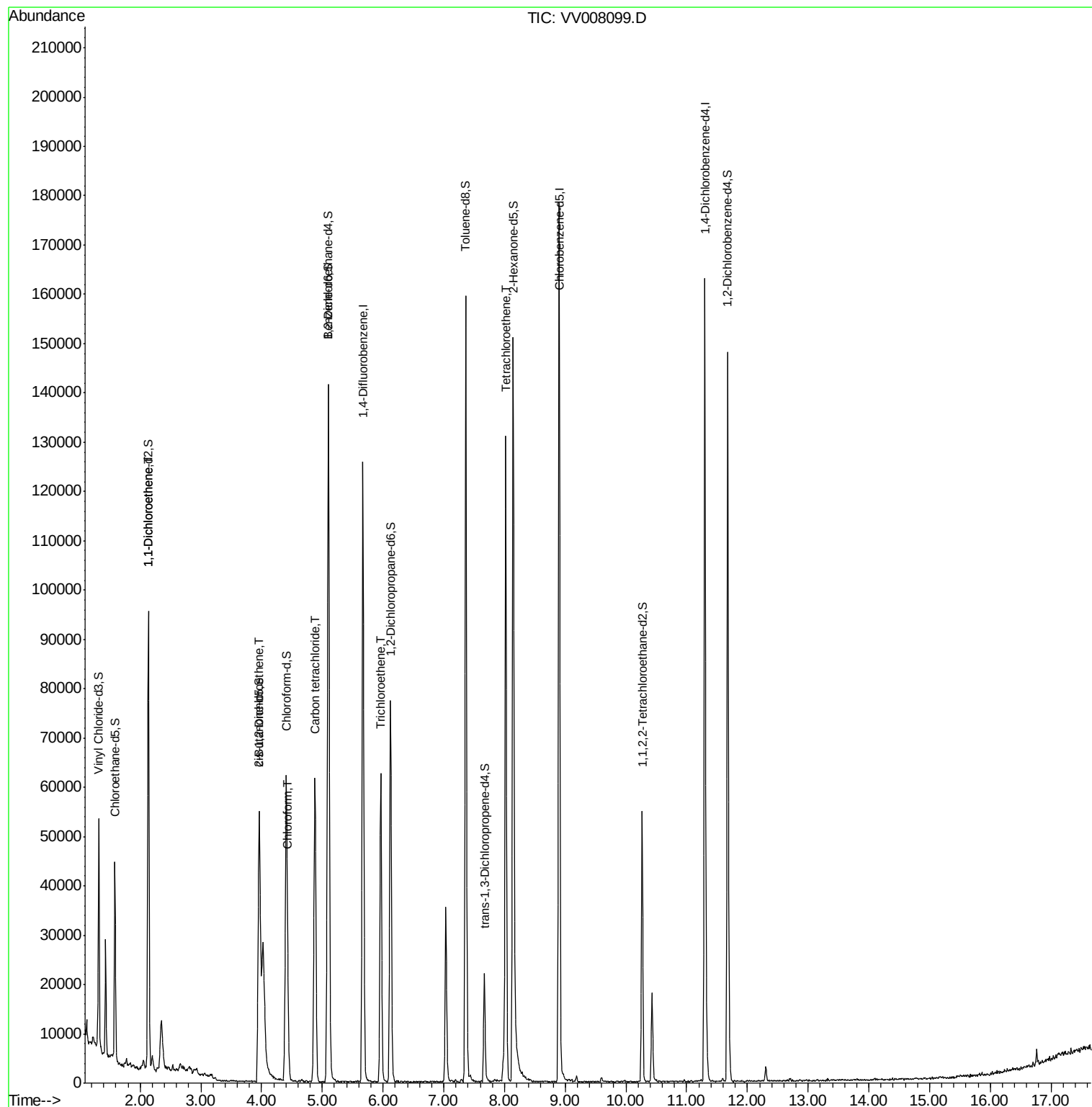
					Ovalue
12) 1,1-Dichloroethene	2.15	96	3309	0.574 ug/L	# 1
22) cis-1,2-Dichloroethene	3.97	96	7905	1.114 ug/L	100
25) Chloroform	4.43	83	6877	0.533 ug/L	94
31) Carbon tetrachloride	4.88	117	45514	4.566 ug/L	97
34) Trichloroethene	5.96	95	20589	2.799 ug/L	97
47) Tetrachloroethene	8.02	164	29952	4.559 ug/L	98

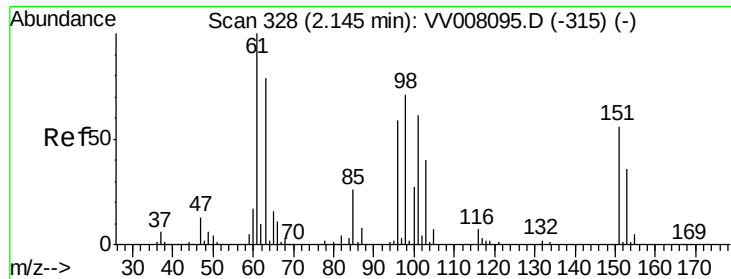
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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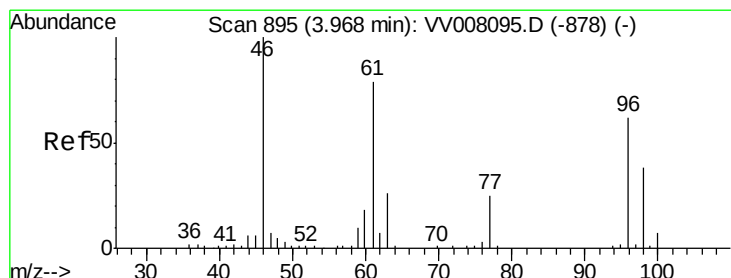
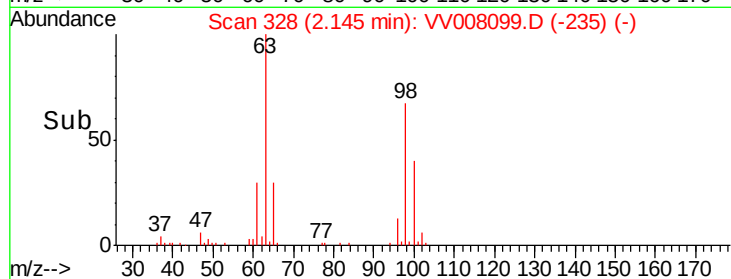
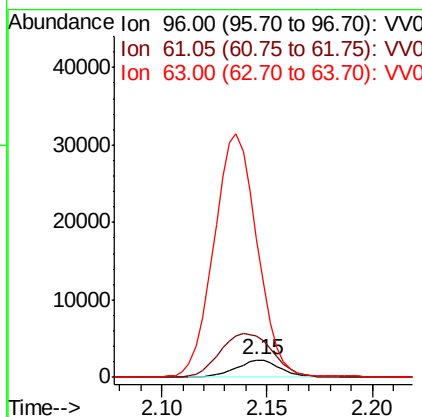
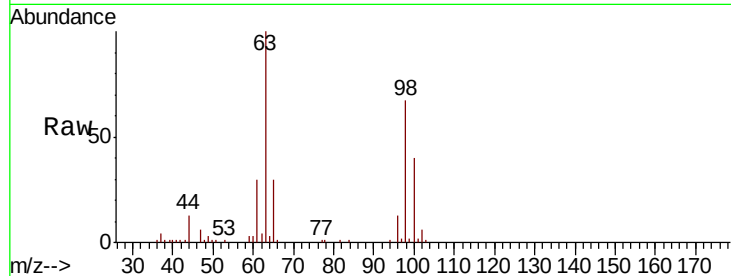




#12
 1,1-Dichloroethene
 Concen: 0.574 ug/L
 RT: 2.15 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VV008099.D
 Acq: 05 Oct 2018 15:43

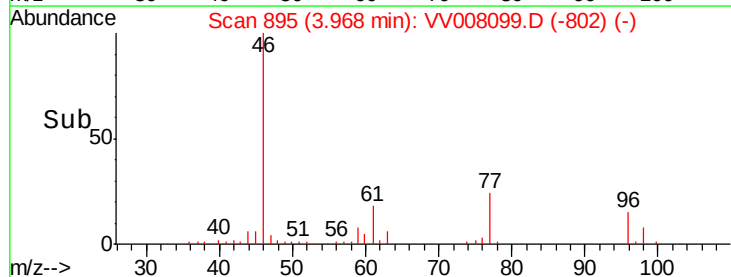
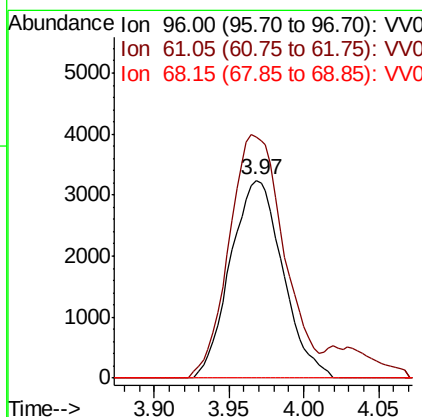
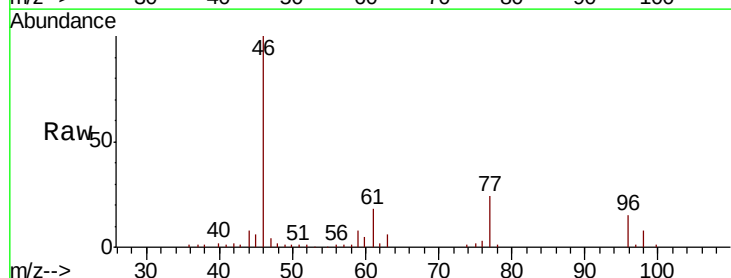
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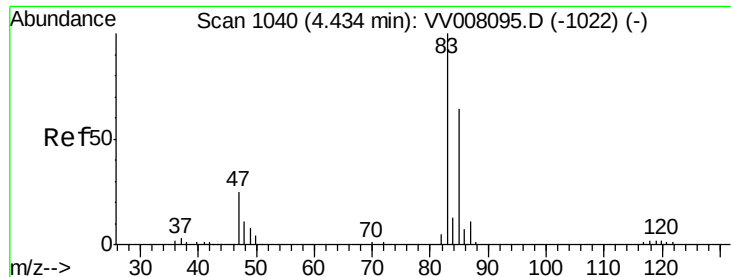
Tot Ion: 96 Resp: 3309
 Ion Ratio Lower Upper
 96 100
 61 231.4 114.7 213.1#
 63 782.5 96.9 179.9#



#22
 cis-1,2-Dichloroethene
 Concen: 1.114 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: VV008099.D
 Acq: 05 Oct 2018 15:43

Tgt Ion: 96 Resp: 7905
 Ion Ratio Lower Upper
 96 100
 61 121.7 85.1 158.1
 68 0.0 0.0 0.0

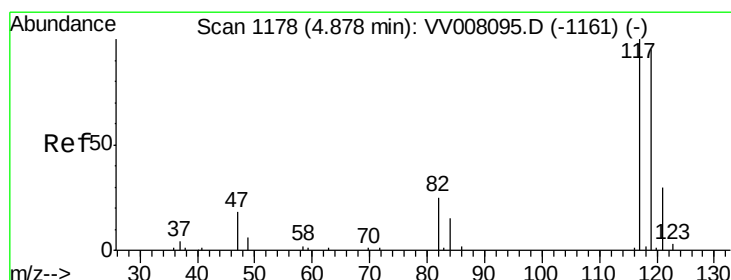
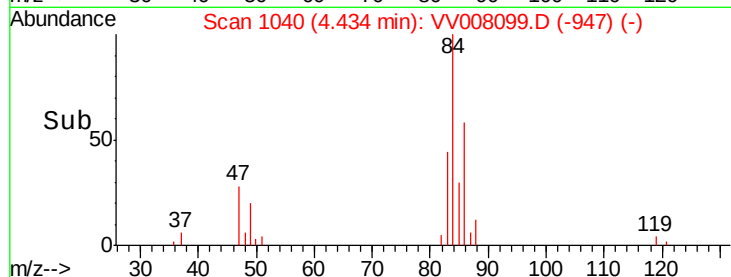
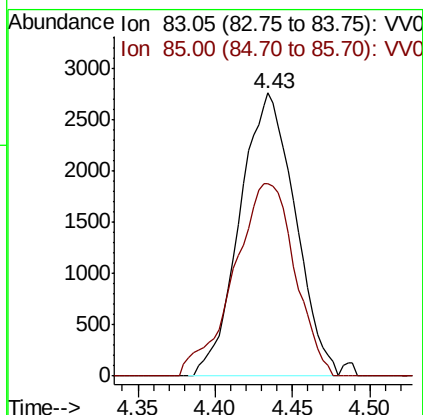
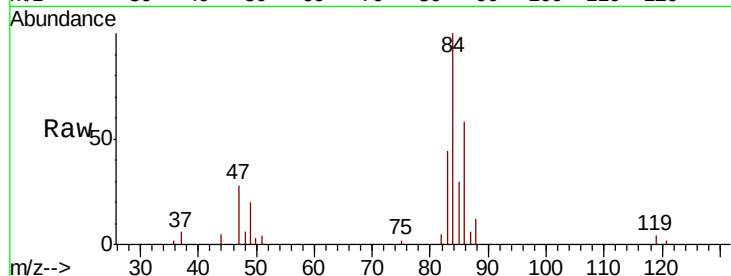




#25
Chloroform
Concen: 0.533 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VV008099.D
Acq: 05 Oct 2018 15:43

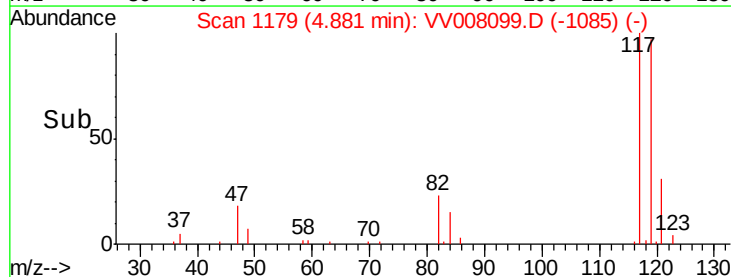
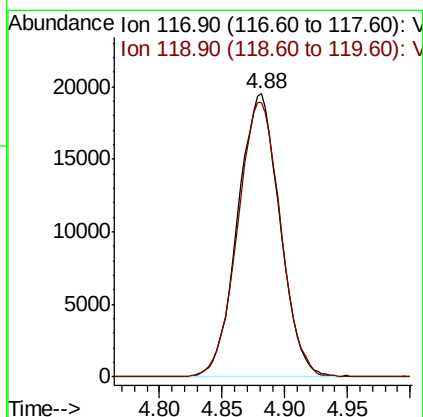
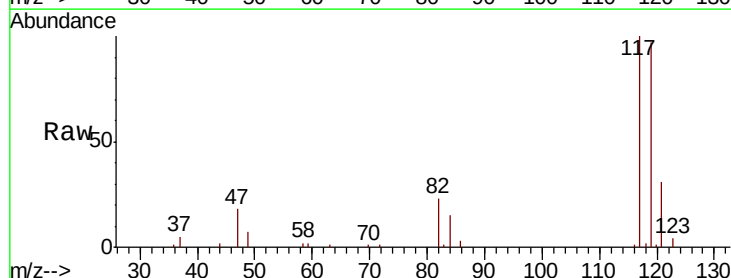
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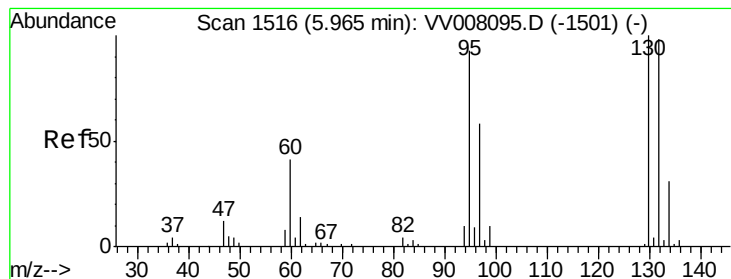
Tot Ion: 83 Resp: 6877
Ion Ratio Lower Upper
83 100
85 68.2 44.6 82.8



#31
Carbon tetrachloride
Concen: 4.566 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VV008099.D
Acq: 05 Oct 2018 15:43

Tgt Ion: 117 Resp: 45514
Ion Ratio Lower Upper
117 100
119 98.6 76.3 114.5





#34

Trichloroethene

Concen: 2.799 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008099.D

Acq: 05 Oct 2018 15:43

Instrument :

MSVOA_V

ClientSampleId :

C0J85RE

Tot Ion: 95 Resp: 20589

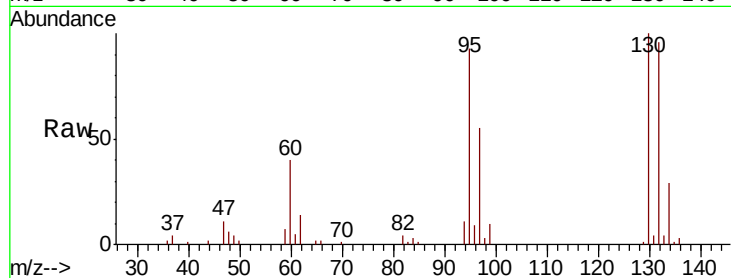
Ion Ratio Lower Upper

95 100

97 58.9 44.9 83.5

132 102.7 73.6 136.6

130 107.1 76.2 141.6

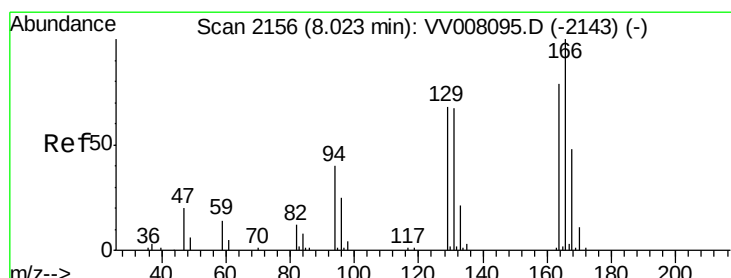
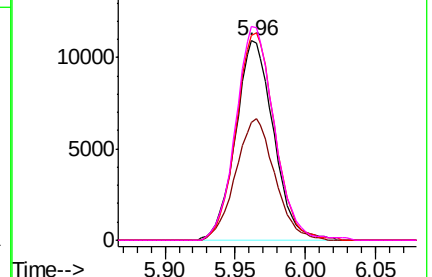
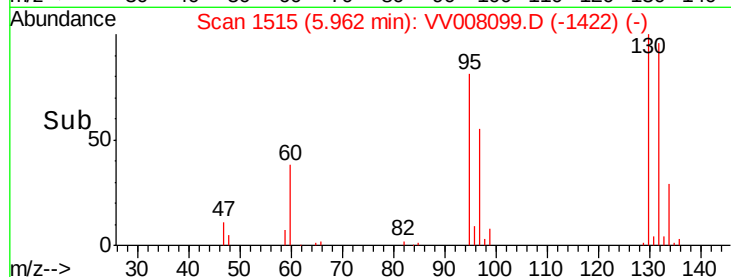


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#47

Tetrachloroethene

Concen: 4.559 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.00 min

Lab File: VV008099.D

Acq: 05 Oct 2018 15:43

Tgt Ion: 164 Resp: 29952

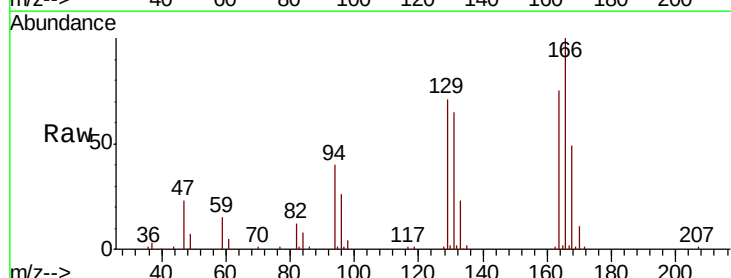
Ion Ratio Lower Upper

164 100

129 94.6 62.2 115.4

131 86.2 60.5 112.5

166 132.9 92.1 171.1



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

