

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121322\
 Data File : VW029647.D
 Acq On : 13 Dec 2022 13:39
 Operator : SY/MD
 Sample : N5928-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ72

Quant Time: Dec 13 22:51:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 22:49:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

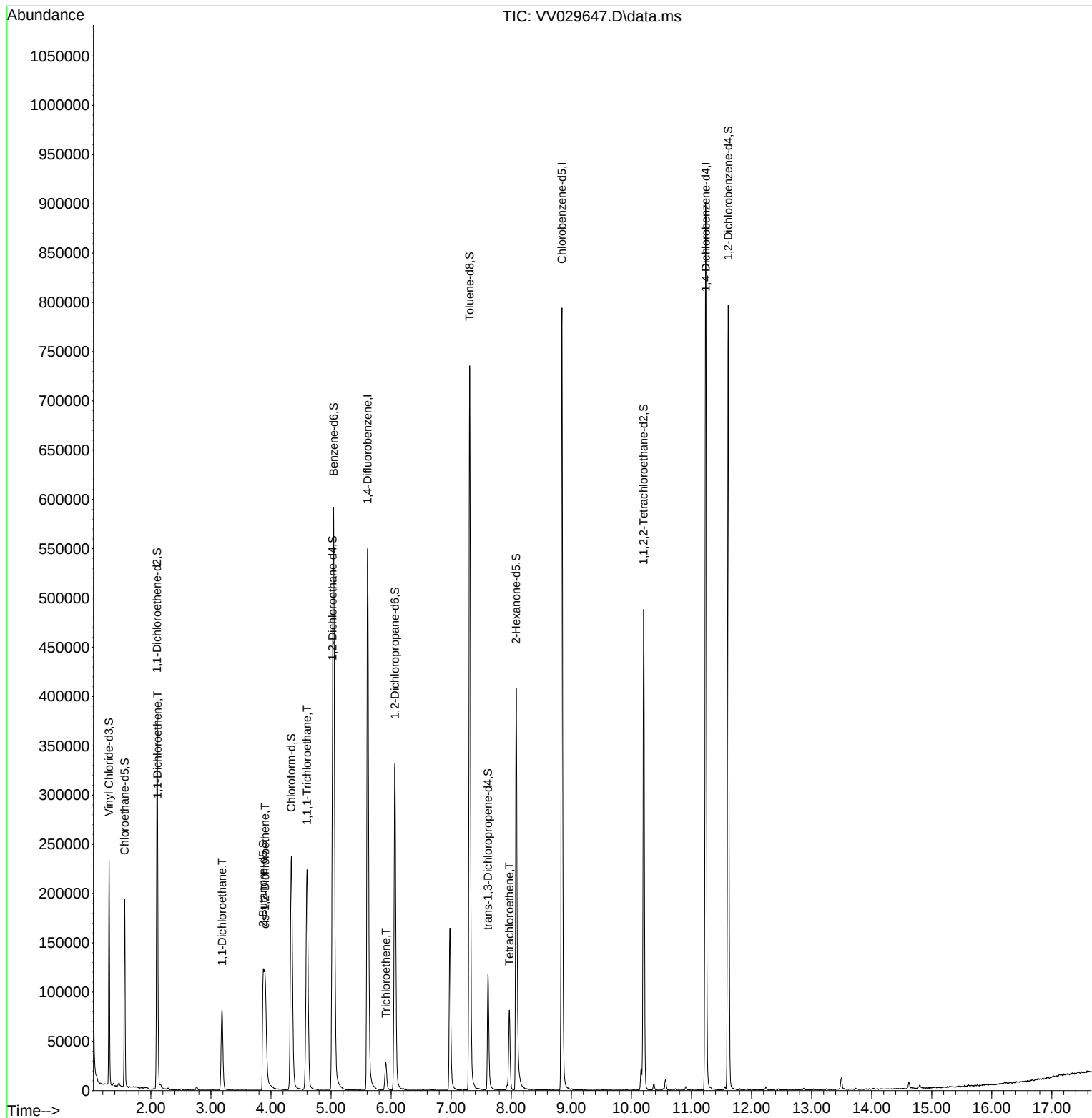
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	509733	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	467070	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	250278	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	143794	46.067	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.140%
7) Chloroethane-d5	1.564	69	119930	50.388	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.780%
11) 1,1-Dichloroethene-d2	2.105	63	193303	39.705	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.400%
21) 2-Butanone-d5	3.870	46	187867	98.663	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.660%
24) Chloroform-d	4.339	84	261716	44.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.120%
26) 1,2-Dichloroethane-d4	5.024	65	156299	46.590	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.180%
32) Benzene-d6	5.043	84	572995	46.428	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.860%
36) 1,2-Dichloropropane-d6	6.063	67	175470	46.547	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.100%
41) Toluene-d8	7.307	98	514225	44.221	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.440%
43) trans-1,3-Dichloroprop...	7.612	79	70191	36.873	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.740%
47) 2-Hexanone-d5	8.082	63	157239	97.677	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.680%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	242034	44.929	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.860%
66) 1,2-Dichlorobenzene-d4	11.612	152	210919	44.270	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.540%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	8061	2.959	ug/L	# 1
19) 1,1-Dichloroethane	3.185	63	84156	15.647	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	50476	14.622	ug/L	97
30) 1,1,1-Trichloroethane	4.600	97	189653	37.269	ug/L	99
34) Trichloroethene	5.911	95	9548	2.894	ug/L	95
46) Tetrachloroethene	7.969	164	20004	7.542	ug/L	99

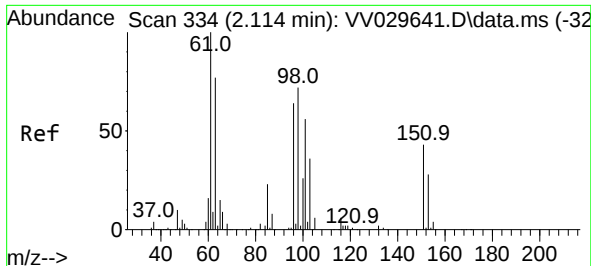
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121322\
Data File : VV029647.D
Acq On : 13 Dec 2022 13:39
Operator : SY/MD
Sample : N5928-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZ72

Quant Time: Dec 13 22:51:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 13 22:49:59 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.959 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029647.D

Acq: 13 Dec 2022 13:39

Instrument :

MSVOA_V

ClientSampleId :

EXZ72

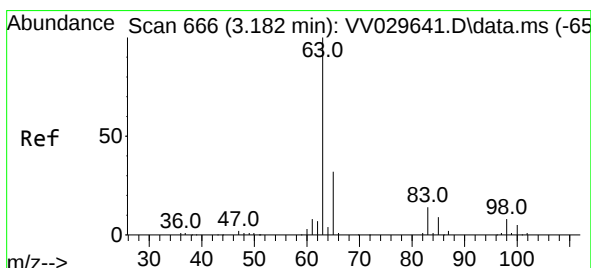
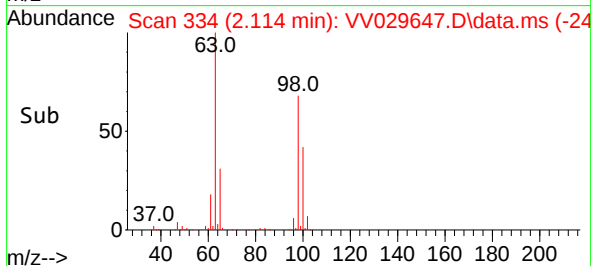
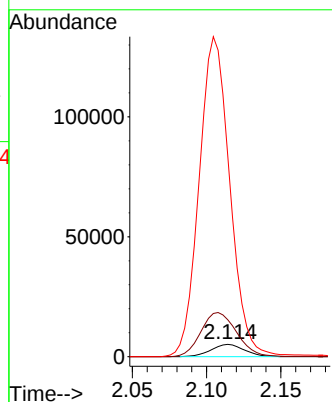
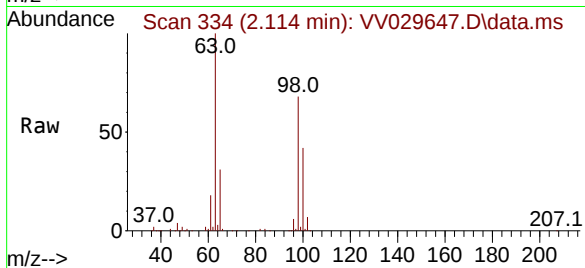
Tgt Ion: 96 Resp: 8061

Ion Ratio Lower Upper

96 100

61 299.1 103.3 191.9#

63 1626.6 77.3 143.7#



#19

1,1-Dichloroethane

Concen: 15.647 ug/L

RT: 3.185 min Scan# 667

Delta R.T. 0.003 min

Lab File: VV029647.D

Acq: 13 Dec 2022 13:39

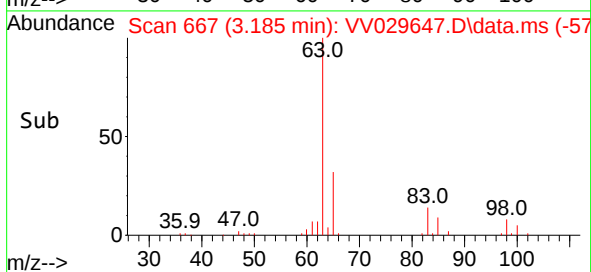
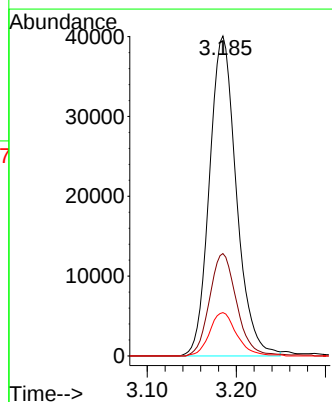
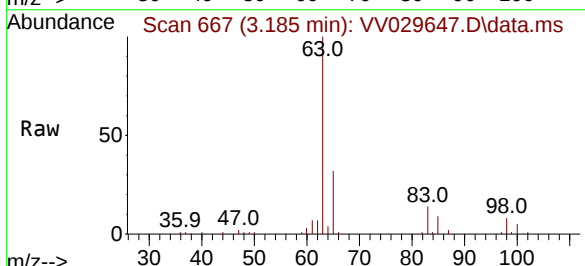
Tgt Ion: 63 Resp: 84156

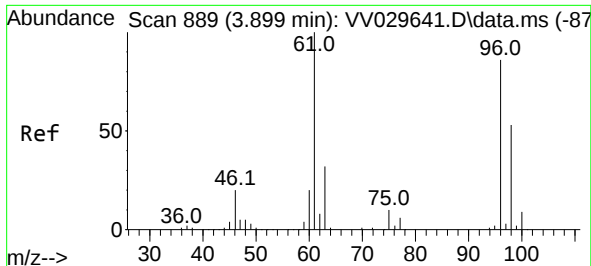
Ion Ratio Lower Upper

63 100

65 32.0 22.5 41.7

83 13.6 10.4 19.2

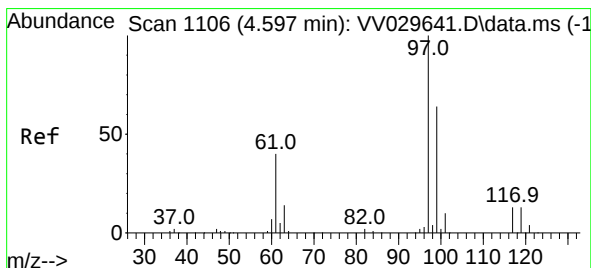
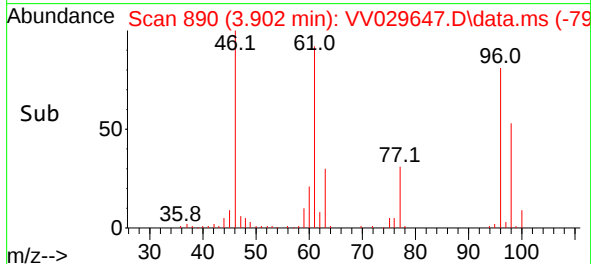
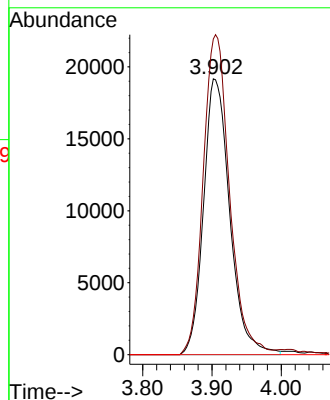
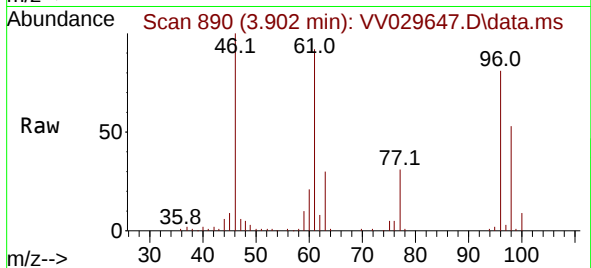




#20
 cis-1,2-Dichloroethene
 Concen: 14.622 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.003 min
 Lab File: VV029647.D
 Acq: 13 Dec 2022 13:39

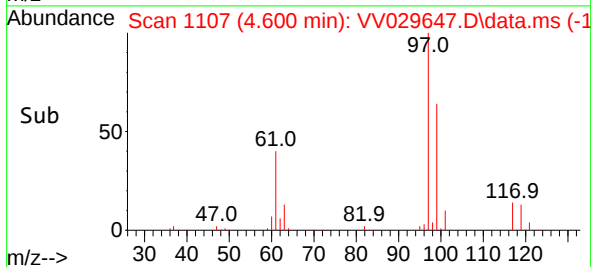
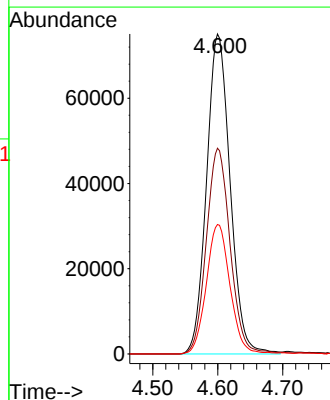
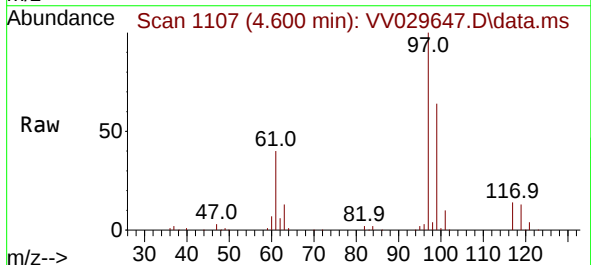
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ72

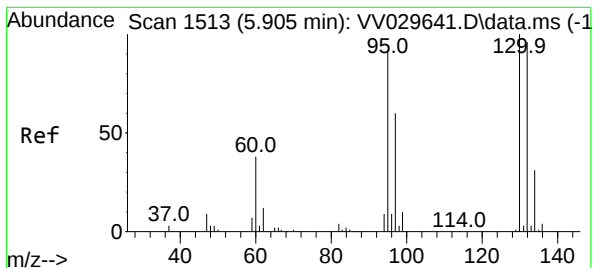
Tgt Ion: 96 Resp: 50476
 Ion Ratio Lower Upper
 96 100
 61 114.4 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 37.269 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. 0.003 min
 Lab File: VV029647.D
 Acq: 13 Dec 2022 13:39

Tgt Ion: 97 Resp: 189653
 Ion Ratio Lower Upper
 97 100
 99 64.4 52.1 78.1
 61 40.4 31.8 47.8





#34

Trichloroethene

Concen: 2.894 ug/L

RT: 5.911 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV029647.D

Acq: 13 Dec 2022 13:39

Instrument :

MSVOA_V

ClientSampleId :

EXZ72

Tgt Ion: 95 Resp: 9548

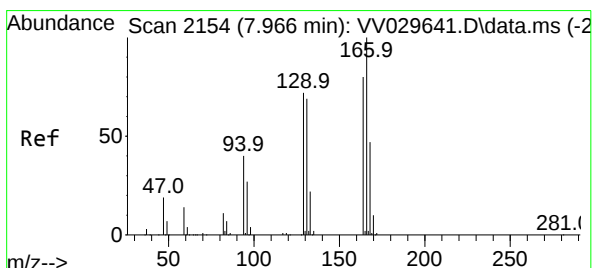
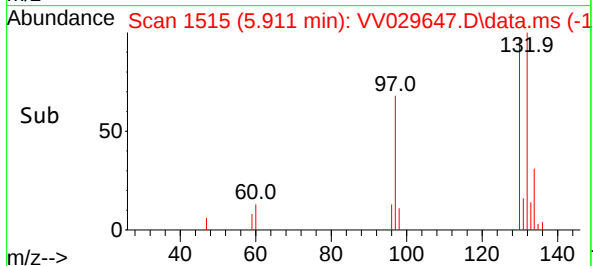
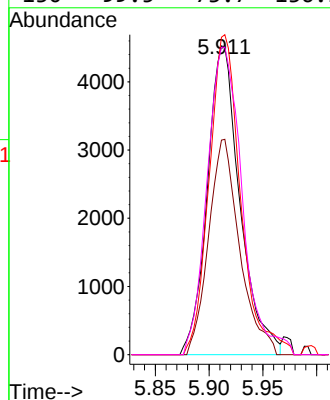
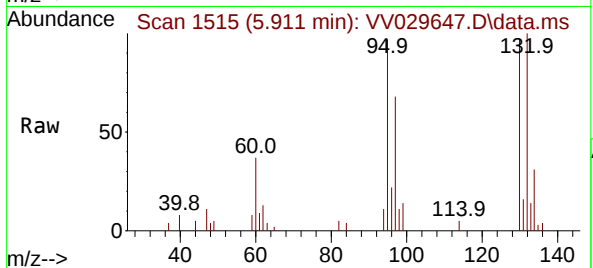
Ion Ratio Lower Upper

95 100

97 69.5 44.0 81.8

132 102.8 69.9 129.9

130 99.5 73.7 136.9



#46

Tetrachloroethene

Concen: 7.542 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029647.D

Acq: 13 Dec 2022 13:39

Tgt Ion: 164 Resp: 20004

Ion Ratio Lower Upper

164 100

129 94.4 65.3 121.3

131 86.7 63.1 117.1

166 129.9 90.8 168.6

