

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW028999.D
 Acq On : 15 Nov 2022 19:23
 Operator : SY/MD
 Sample : N5593-04DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AD2DL

Quant Time: Nov 16 03:21:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 16 03:16:14 2022
 Response via : Initial Calibration

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

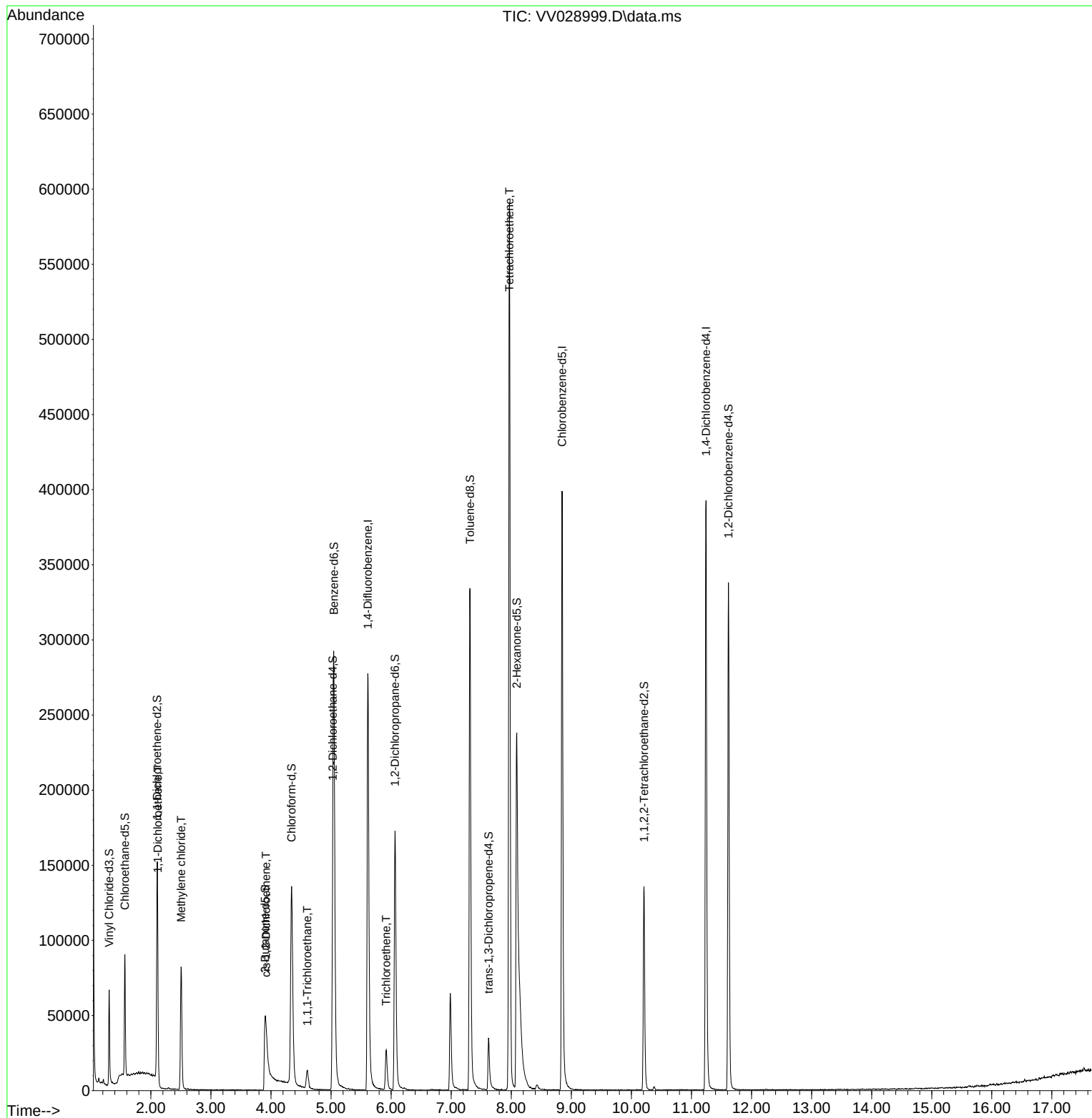
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	268666	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	246675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	116487	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44772	2.733	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	54.600%	
7) Chloroethane-d5	1.568	69	51539	3.579	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	71.600%	
11) 1,1-Dichloroethene-d2	2.105	63	72124	2.416	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	48.400%#	
20) 2-Butanone-d5	3.902	46	85891	31.326	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	62.660%	
24) Chloroform-d	4.342	84	145856	4.337	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
26) 1,2-Dichloroethane-d4	5.027	65	69009	4.561	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
32) Benzene-d6	5.047	84	287537	3.905	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.200%	
36) 1,2-Dichloropropane-d6	6.066	67	89568	4.356	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.200%	
41) Toluene-d8	7.313	98	246612	3.721	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.400%	
43) trans-1,3-Dichloroprop...	7.622	79	24015	3.581	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.600%	
46) 2-Hexanone-d5	8.092	63	138418	48.359	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.720%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	71658	5.027	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.600%	
66) 1,2-Dichlorobenzene-d4	11.616	152	99364	4.768	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	4173	0.257	ug/L #	1
16) Methylene chloride	2.503	84	38265	1.820	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	4628	0.241	ug/L	94
29) 1,1,1-Trichloroethane	4.606	97	10365	0.358	ug/L	97
34) Trichloroethene	5.918	95	9469	0.491	ug/L	93
47) Tetrachloroethene	7.969	164	140468	9.090	ug/L	99

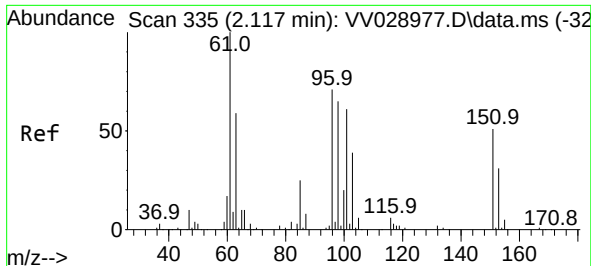
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 24    Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
H0AD2DL

Quant Time: Nov 16 03:21:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 16 03:16:14 2022
Response via : Initial Calibration

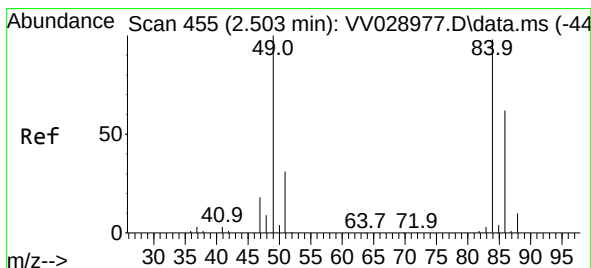
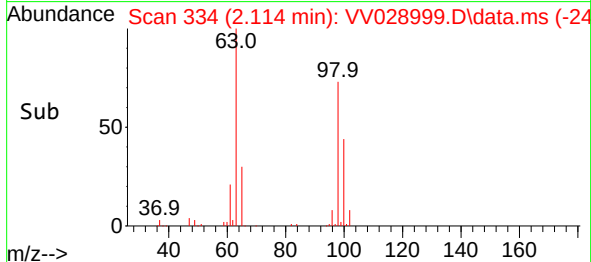
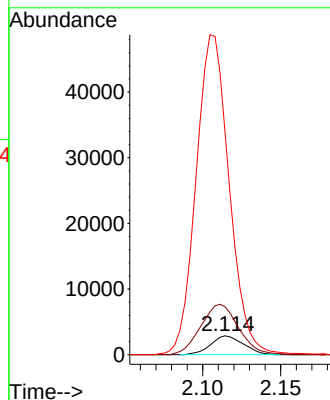
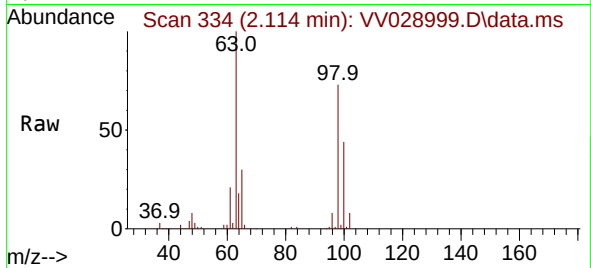




#12
1,1-Dichloroethene
Concen: 0.257 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV028999.D
Acq: 15 Nov 2022 19:23

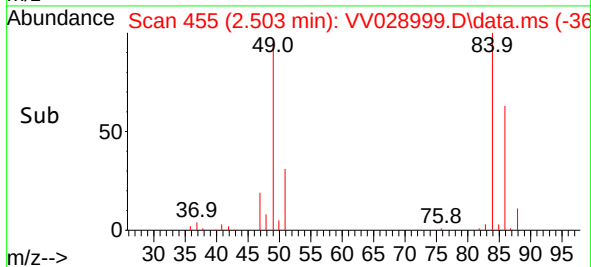
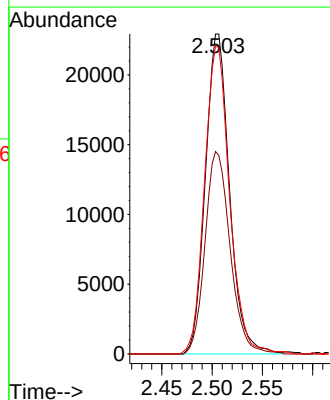
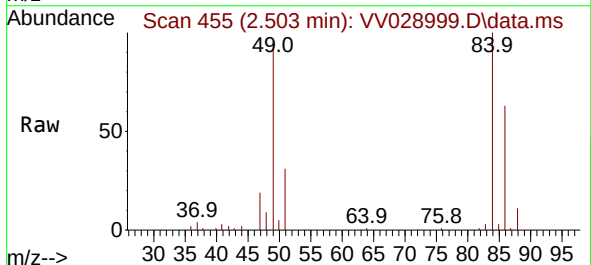
Instrument :
MSVOA_V
ClientSampleId :
H0AD2DL

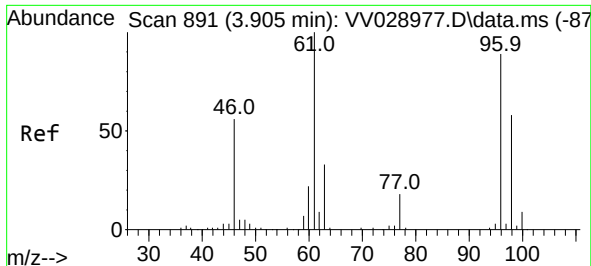
Tgt Ion: 96 Resp: 4173
Ion Ratio Lower Upper
96 100
61 253.3 104.2 193.4#
63 1181.4 75.9 140.9#



#16
Methylene chloride
Concen: 1.820 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028999.D
Acq: 15 Nov 2022 19:23

Tgt Ion: 84 Resp: 38265
Ion Ratio Lower Upper
84 100
86 63.3 45.8 85.0
49 96.3 75.5 140.1





#22

cis-1,2-Dichloroethene

Concen: 0.241 ug/L

RT: 3.915 min Scan# 891

Delta R.T. 0.010 min

Lab File: VV028999.D

Acq: 15 Nov 2022 19:23

Instrument :

MSVOA_V

ClientSampleId :

H0AD2DL

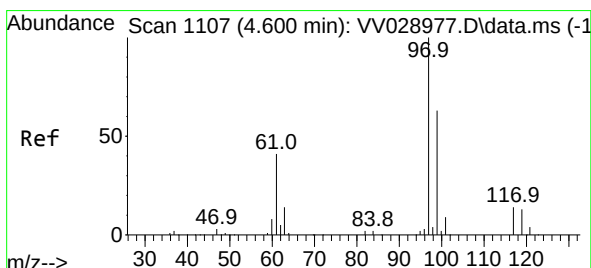
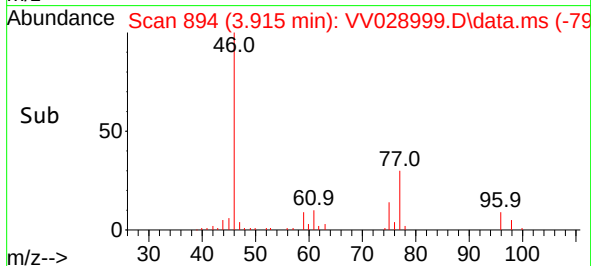
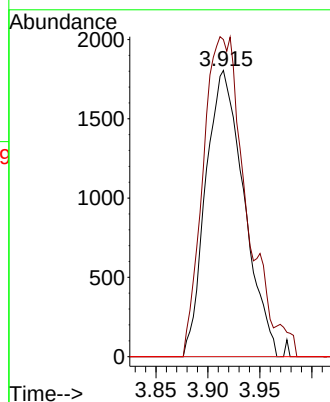
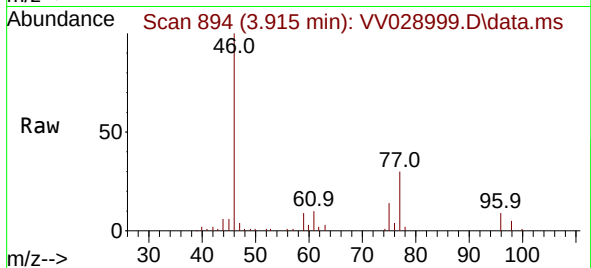
Tgt Ion: 96 Resp: 4628

Ion Ratio Lower Upper

96 100

61 110.8 82.3 152.9

68 0.0 0.0 0.0



#29

1,1,1-Trichloroethane

Concen: 0.358 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VV028999.D

Acq: 15 Nov 2022 19:23

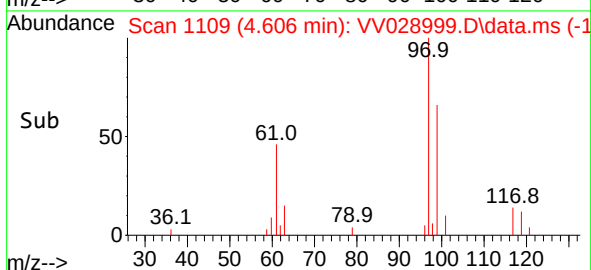
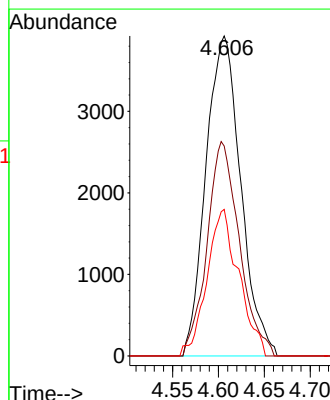
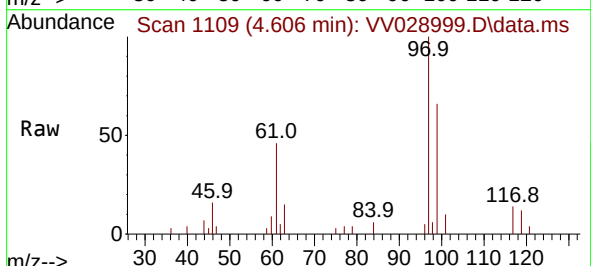
Tgt Ion: 97 Resp: 10365

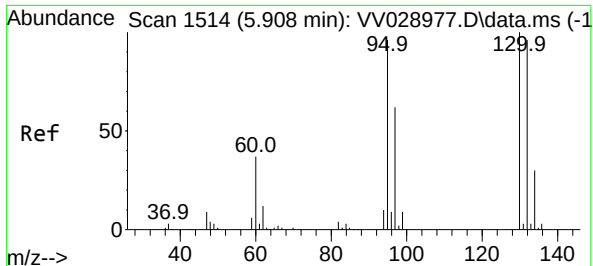
Ion Ratio Lower Upper

97 100

99 62.2 52.7 79.1

61 41.9 33.8 50.6



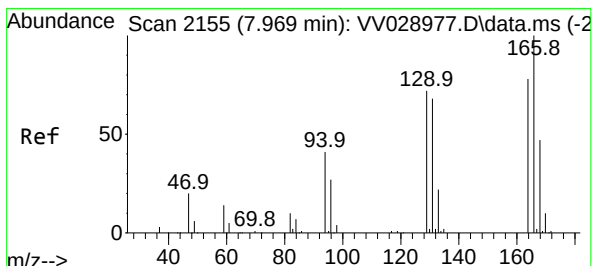
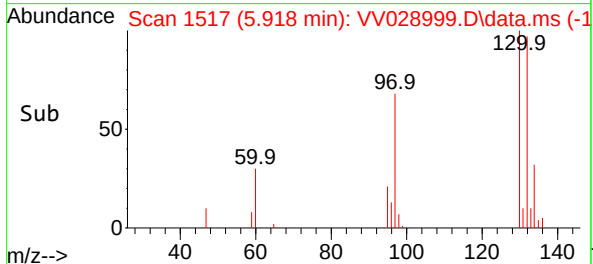
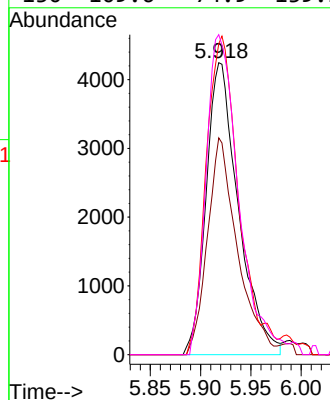
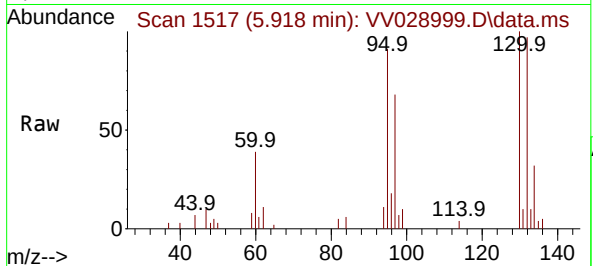


#34
 Trichloroethene
 Concen: 0.491 ug/L
 RT: 5.918 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VV028999.D
 Acq: 15 Nov 2022 19:23

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AD2DL

Tgt Ion: 95 Resp: 9469

Ion	Ratio	Lower	Upper
95	100		
97	74.3	45.6	84.8
132	106.5	69.1	128.3
130	109.6	74.9	139.1



#47
 Tetrachloroethene
 Concen: 9.090 ug/L
 RT: 7.969 min Scan# 2155
 Delta R.T. 0.000 min
 Lab File: VV028999.D
 Acq: 15 Nov 2022 19:23

Tgt Ion: 164 Resp: 140468

Ion	Ratio	Lower	Upper
164	100		
129	91.0	63.9	118.7
131	88.1	61.8	114.8
166	127.8	90.2	167.4

