

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021405.D
 Acq On : 25 May 2021 22:01
 Operator : SY/MD
 Sample : M2496-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB441

Quant Time: May 26 07:55:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:52:48 2021
 Response via : Initial Calibration

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

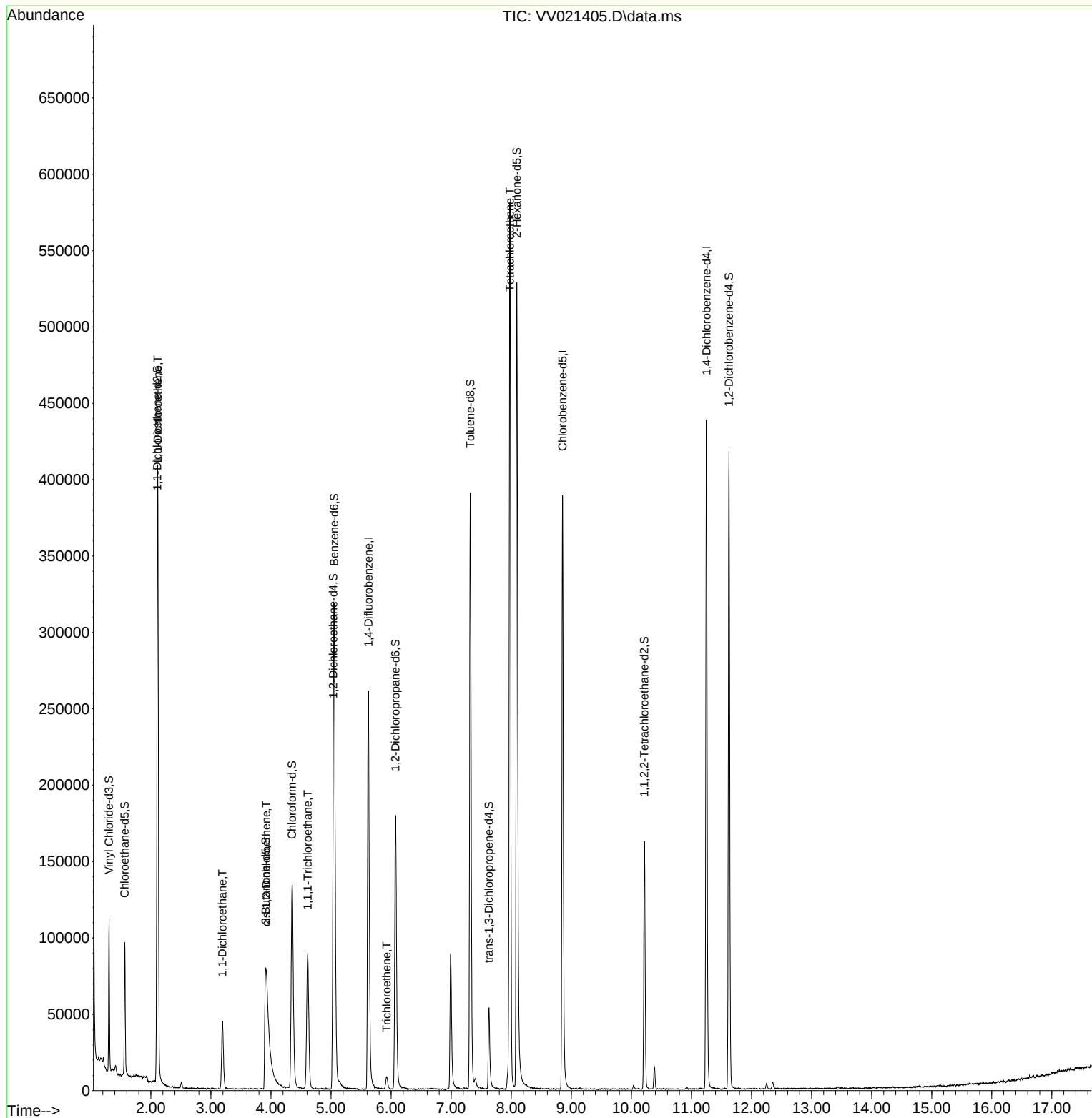
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	244411	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	227917	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	125171	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	59868	5.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.80%
7) Chloroethane-d5	1.564	69	54443	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.40%
11) 1,1-Dichloroethene-d2	2.108	63	126652	6.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	129.20%#
20) 2-Butanone-d5	3.912	46	228880	61.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.16%
24) Chloroform-d	4.352	84	146056	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.037	65	73226	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.053	84	292151	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.072	67	92588	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.320	98	267494	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
43) trans-1,3-Dichloroprop...	7.628	79	34660	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.091	63	206085	59.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.26%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	78428	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
66) 1,2-Dichlorobenzene-d4	11.625	152	118091	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.117	96	101046	8.33	ug/L	96
19) 1,1-Dichloroethane	3.191	63	46211	1.73	ug/L	99
22) cis-1,2-Dichloroethene	3.921	96	1849	0.11	ug/L	94
29) 1,1,1-Trichloroethane	4.613	97	73653	2.88	ug/L	98
34) Trichloroethene	5.924	95	2912	0.18	ug/L	91
47) Tetrachloroethene	7.979	164	141359	9.49	ug/L	97

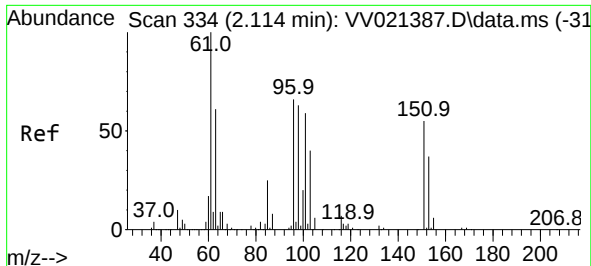
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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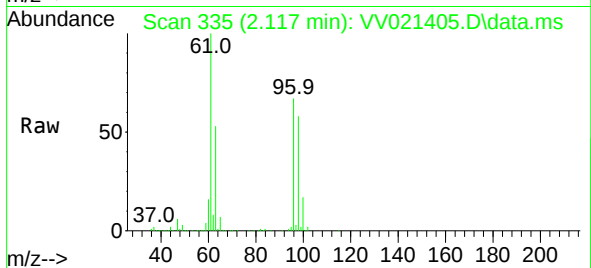
Quant Time: May 26 07:55:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 26 07:52:48 2021
Response via : Initial Calibration



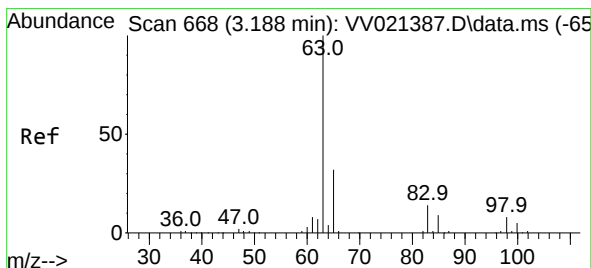
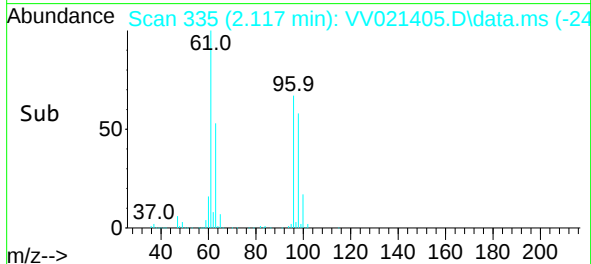
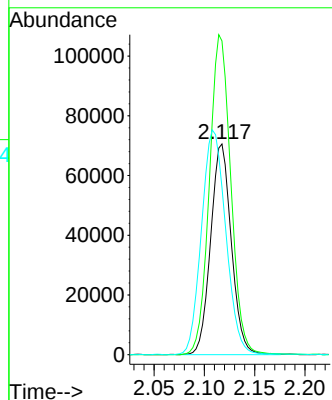


#12
1,1-Dichloroethene
Concen: 8.33 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021405.D
Acq: 25 May 2021 22:01

Instrument :
MSVOA_V
ClientSampled :
GB441

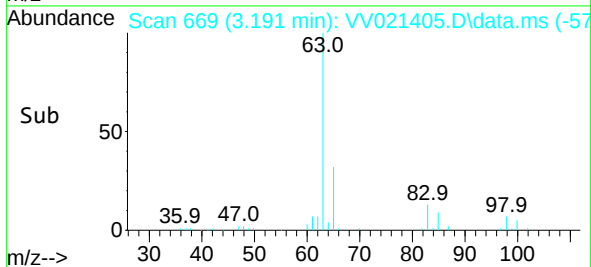
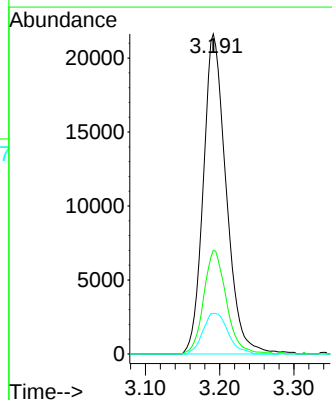
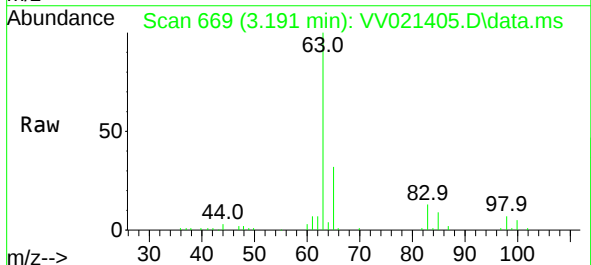


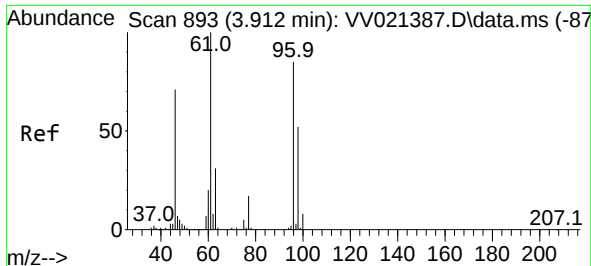
Tgt Ion: 96 Resp: 101046
Ion Ratio Lower Upper
96 100
61 148.8 103.7 192.5
63 79.4 62.4 115.8



#19
1,1-Dichloroethane
Concen: 1.73 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV021405.D
Acq: 25 May 2021 22:01

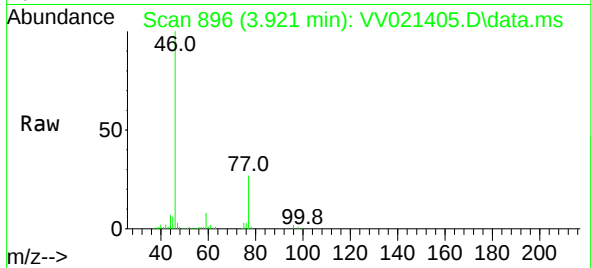
Tgt Ion: 63 Resp: 46211
Ion Ratio Lower Upper
63 100
65 32.4 23.2 43.2
83 12.7 9.4 17.4



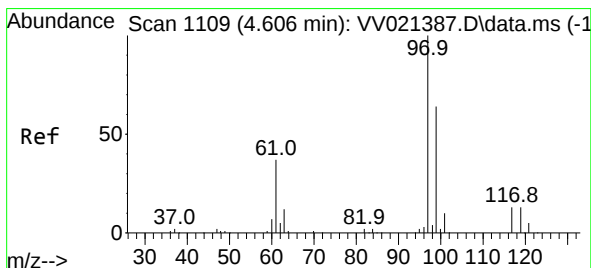
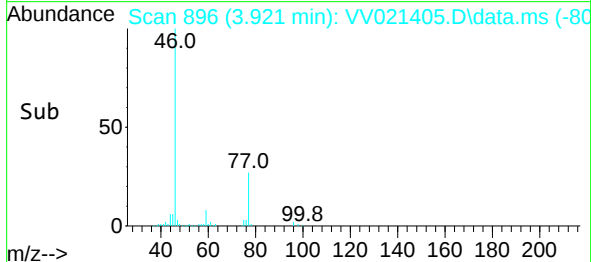
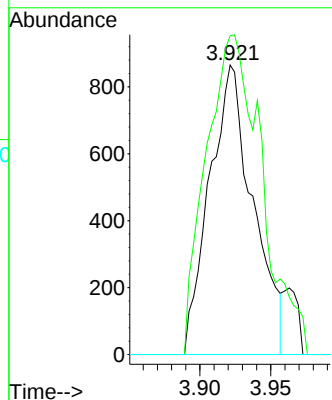


#22
 cis-1,2-Dichloroethene
 Concen: 0.11 ug/L
 RT: 3.921 min Scan# 896
 Delta R.T. 0.010 min
 Lab File: VV021405.D
 Acq: 25 May 2021 22:01

Instrument :
 MSVOA_V
 ClientSampled :
 GB441

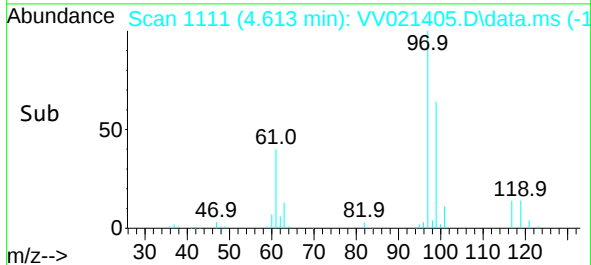
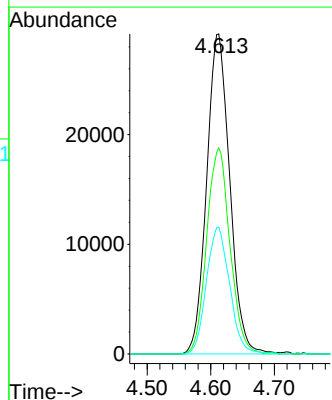
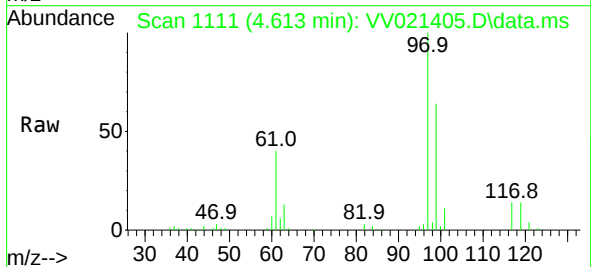


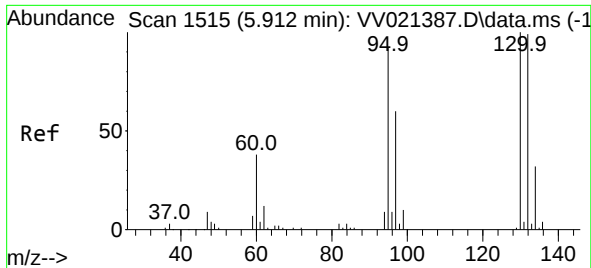
Tgt Ion:	96	Resp:	1849
Ion	Ratio	Lower	Upper
96	100		
61	110.1	81.9	152.1
68	0.0	0.0	0.0



#29
 1,1,1-Trichloroethane
 Concen: 2.88 ug/L
 RT: 4.613 min Scan# 1111
 Delta R.T. 0.006 min
 Lab File: VV021405.D
 Acq: 25 May 2021 22:01

Tgt Ion:	97	Resp:	73653
Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.6	75.8
61	39.6	30.4	45.6



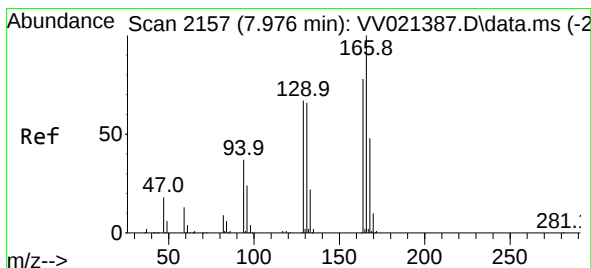
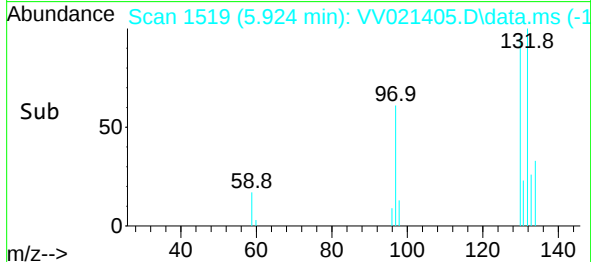
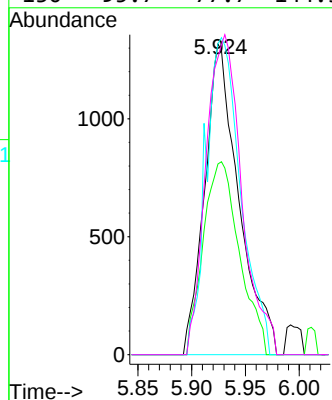
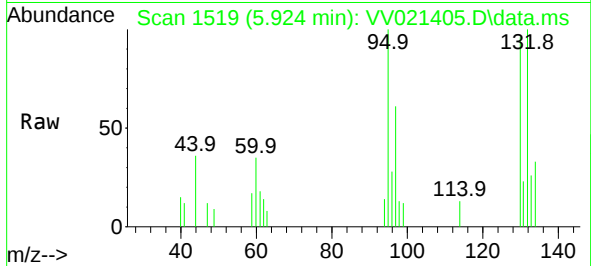


#34
Trichloroethene
Concen: 0.18 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV021405.D
Acq: 25 May 2021 22:01

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Tgt Ion: 95 Resp: 2912

Ion	Ratio	Lower	Upper
95	100		
97	61.4	45.4	84.4
132	100.2	74.5	138.3
130	95.7	77.7	144.3



#47
Tetrachloroethene
Concen: 9.49 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021405.D
Acq: 25 May 2021 22:01

Tgt Ion: 164 Resp: 141359

Ion	Ratio	Lower	Upper
164	100		
129	84.6	61.8	114.8
131	83.6	57.8	107.4
166	127.7	87.4	162.4

