

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027376.D
 Acq On : 13 Aug 2022 18:25
 Operator : SY/MD
 Sample : N4133-01DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E08DL

Quant Time: Aug 13 21:54:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 21:49:38 2022
 Response via : Initial Calibration

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

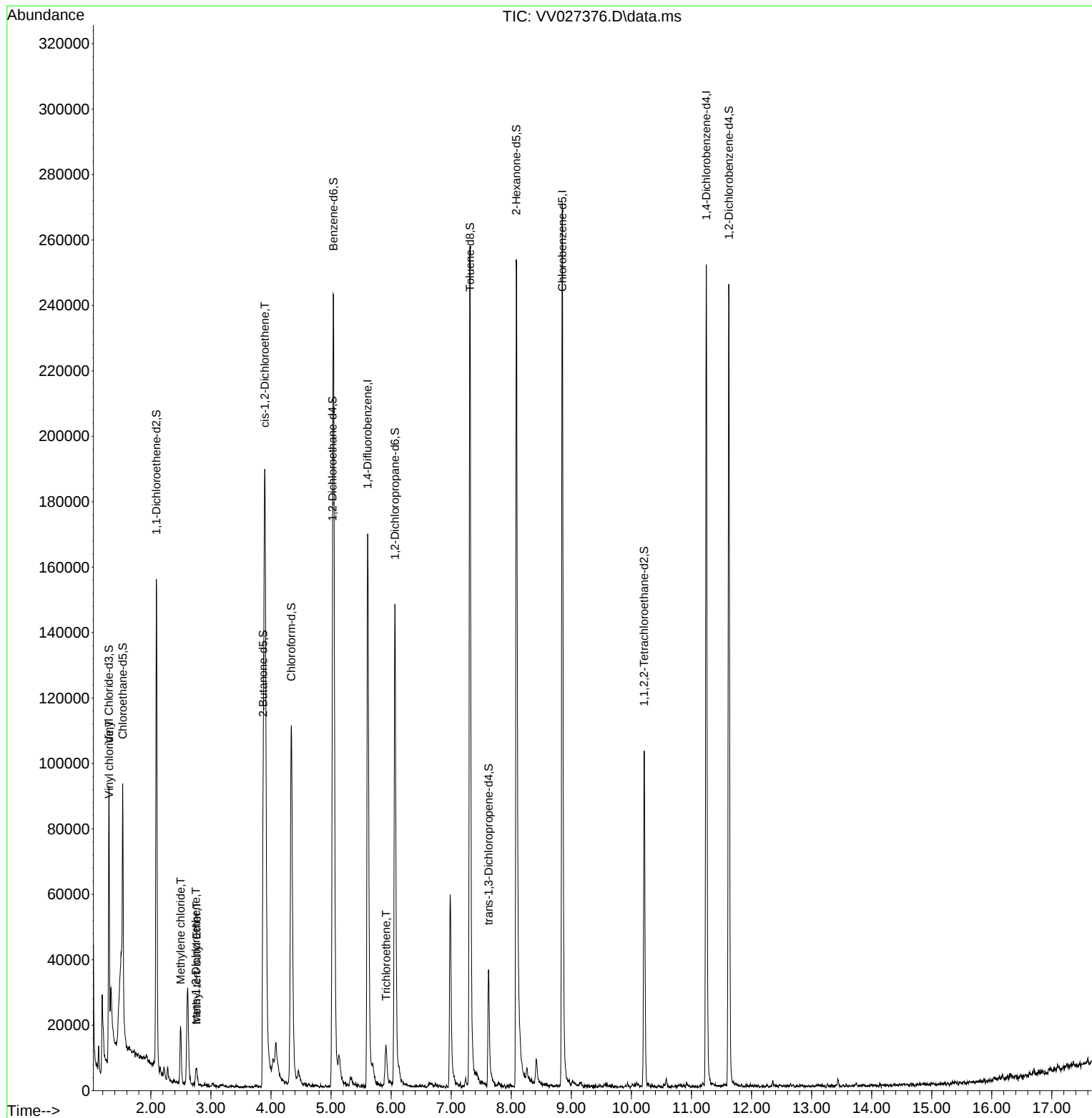
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	145335	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146592	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	64719	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	58079	4.600	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.000%	
7) Chloroethane-d5	1.532	69	36810	4.014	ug/L	-0.03
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.200%	
11) 1,1-Dichloroethene-d2	2.092	63	78269	3.418	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.400%	
20) 2-Butanone-d5	3.870	46	118254	55.300	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.600%	
24) Chloroform-d	4.339	84	112554	4.861	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.024	65	56565	5.127	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
32) Benzene-d6	5.040	84	211676	4.895	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	6.063	67	71114	5.319	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.400%	
41) Toluene-d8	7.313	98	173486	4.382	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
43) trans-1,3-Dichloroprop...	7.622	79	22124	4.777	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.600%	
46) 2-Hexanone-d5	8.085	63	83525	46.601	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.200%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48215	4.985	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	62555	5.600	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.000%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	9851	0.611	ug/L #	70
16) Methylene chloride	2.497	84	6814	0.405	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	2912	0.119	ug/L	95
18) trans-1,2-Dichloroethene	2.751	96	1000	0.078	ug/L #	88
22) cis-1,2-Dichloroethene	3.899	96	82037	6.481	ug/L	93
34) Trichloroethene	5.915	95	3626	0.291	ug/L	86

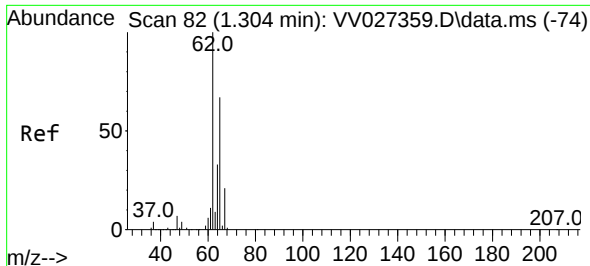
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 13 21:49:38 2022
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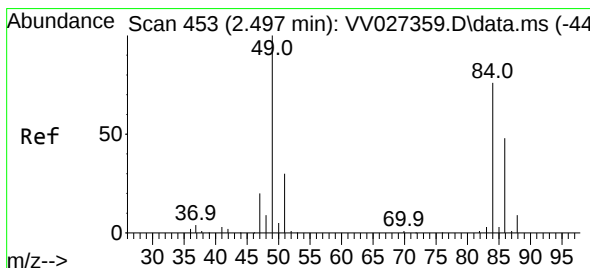
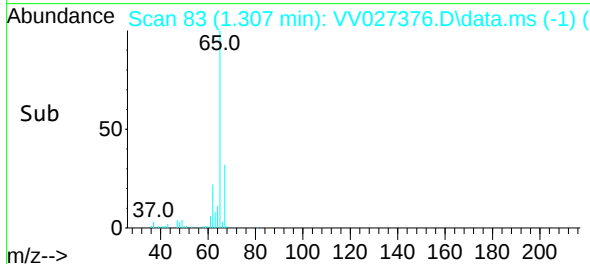
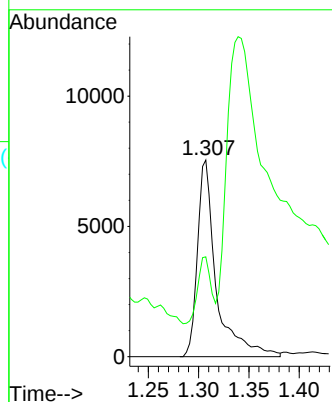
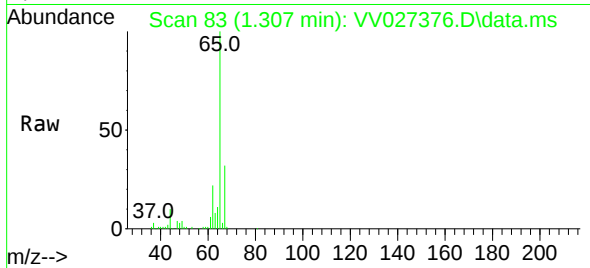




#5
 Vinyl chloride
 Concen: 0.611 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027376.D
 Acq: 13 Aug 2022 18:25

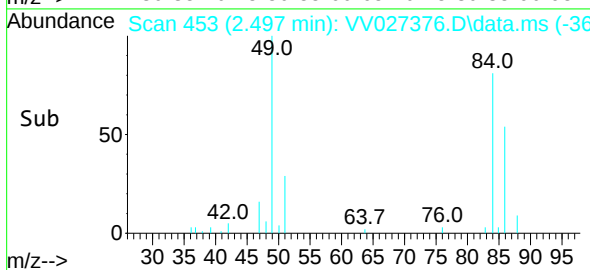
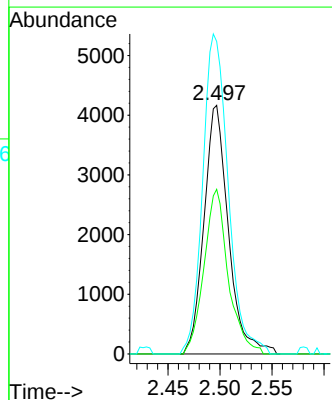
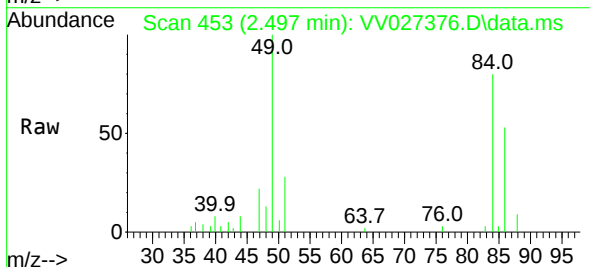
Instrument :
 MSVOA_V
 ClientSampleId :
 F5E08DL

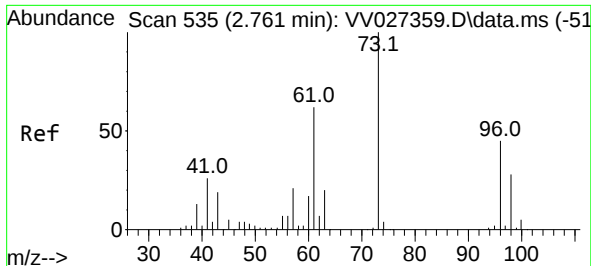
Tgt Ion: 62 Resp: 9851
 Ion Ratio Lower Upper
 62 100
 64 50.8 23.7 44.1#



#16
 Methylene chloride
 Concen: 0.405 ug/L
 RT: 2.497 min Scan# 453
 Delta R.T. -0.000 min
 Lab File: VV027376.D
 Acq: 13 Aug 2022 18:25

Tgt Ion: 84 Resp: 6814
 Ion Ratio Lower Upper
 84 100
 86 66.2 45.1 83.9
 49 125.6 91.2 169.4

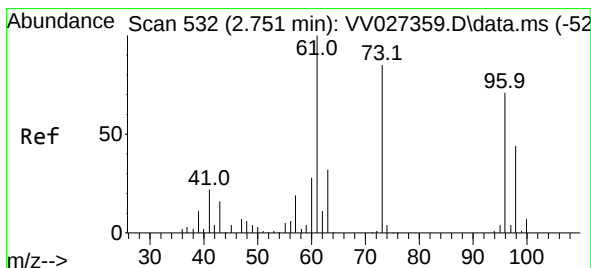
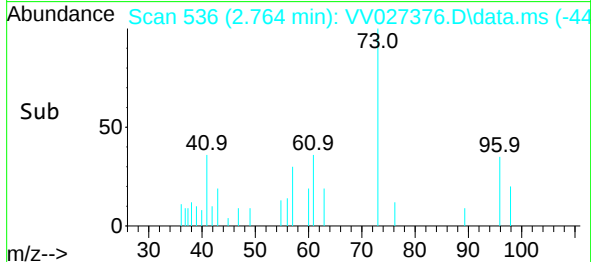
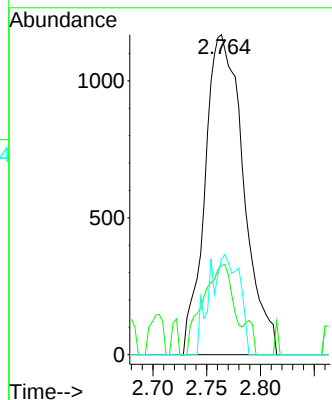
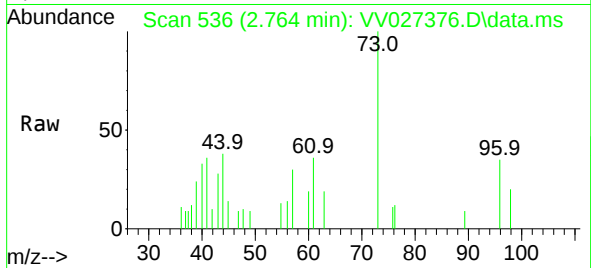




#17
Methyl tert-butyl Ether
Concen: 0.119 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027376.D
Acq: 13 Aug 2022 18:25

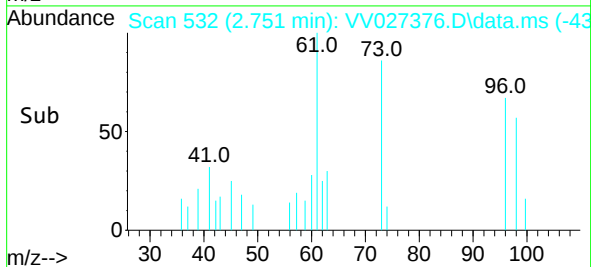
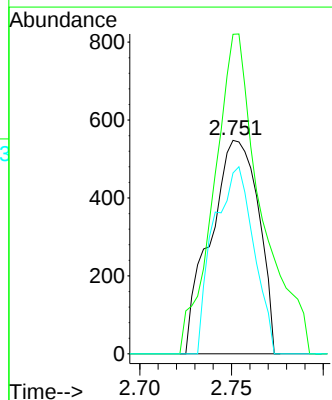
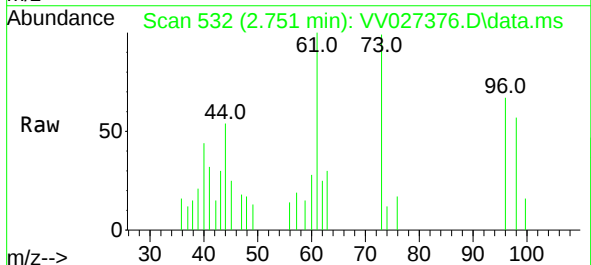
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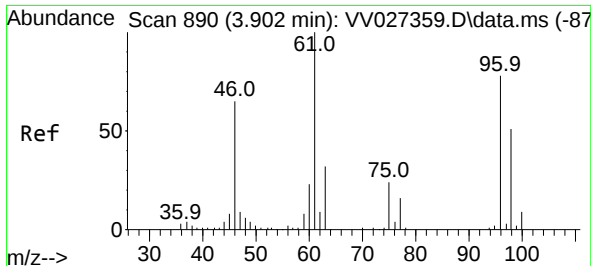
Tgt Ion: 73 Resp: 2912
Ion Ratio Lower Upper
73 100
43 22.6 15.8 23.8
57 24.5 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 0.078 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.000 min
Lab File: VV027376.D
Acq: 13 Aug 2022 18:25

Tgt Ion: 96 Resp: 1000
Ion Ratio Lower Upper
96 100
61 149.6 99.6 185.0
98 84.7 45.1 83.7#

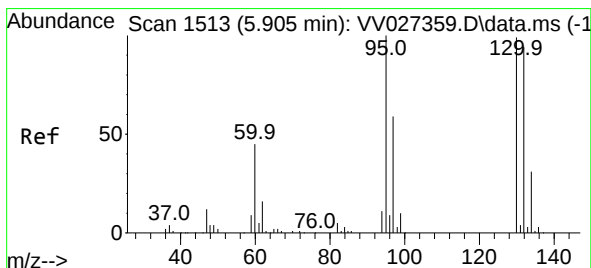
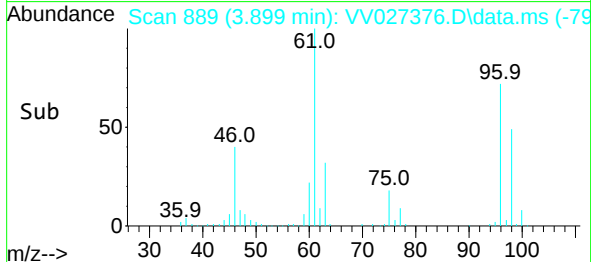
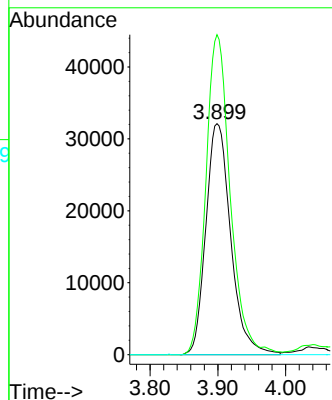
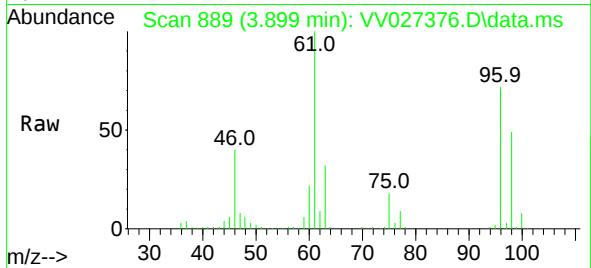




#22
 cis-1,2-Dichloroethene
 Concen: 6.481 ug/L
 RT: 3.899 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027376.D
 Acq: 13 Aug 2022 18:25

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E08DL

Tgt Ion: 96 Resp: 82037
 Ion Ratio Lower Upper
 96 100
 61 138.5 91.3 169.5
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 0.291 ug/L
 RT: 5.915 min Scan# 1516
 Delta R.T. 0.009 min
 Lab File: VV027376.D
 Acq: 13 Aug 2022 18:25

Tgt Ion: 95 Resp: 3626
 Ion Ratio Lower Upper
 95 100
 97 68.0 45.5 84.5
 132 80.3 68.2 126.6
 130 83.9 70.3 130.7

