

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112621\
 Data File : VW023726.D
 Acq On : 26 Nov 2021 15:23
 Operator : SY/MD
 Sample : M4821-04DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4645DL

Quant Time: Nov 27 03:54:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 27 03:48:32 2021
 Response via : Initial Calibration

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

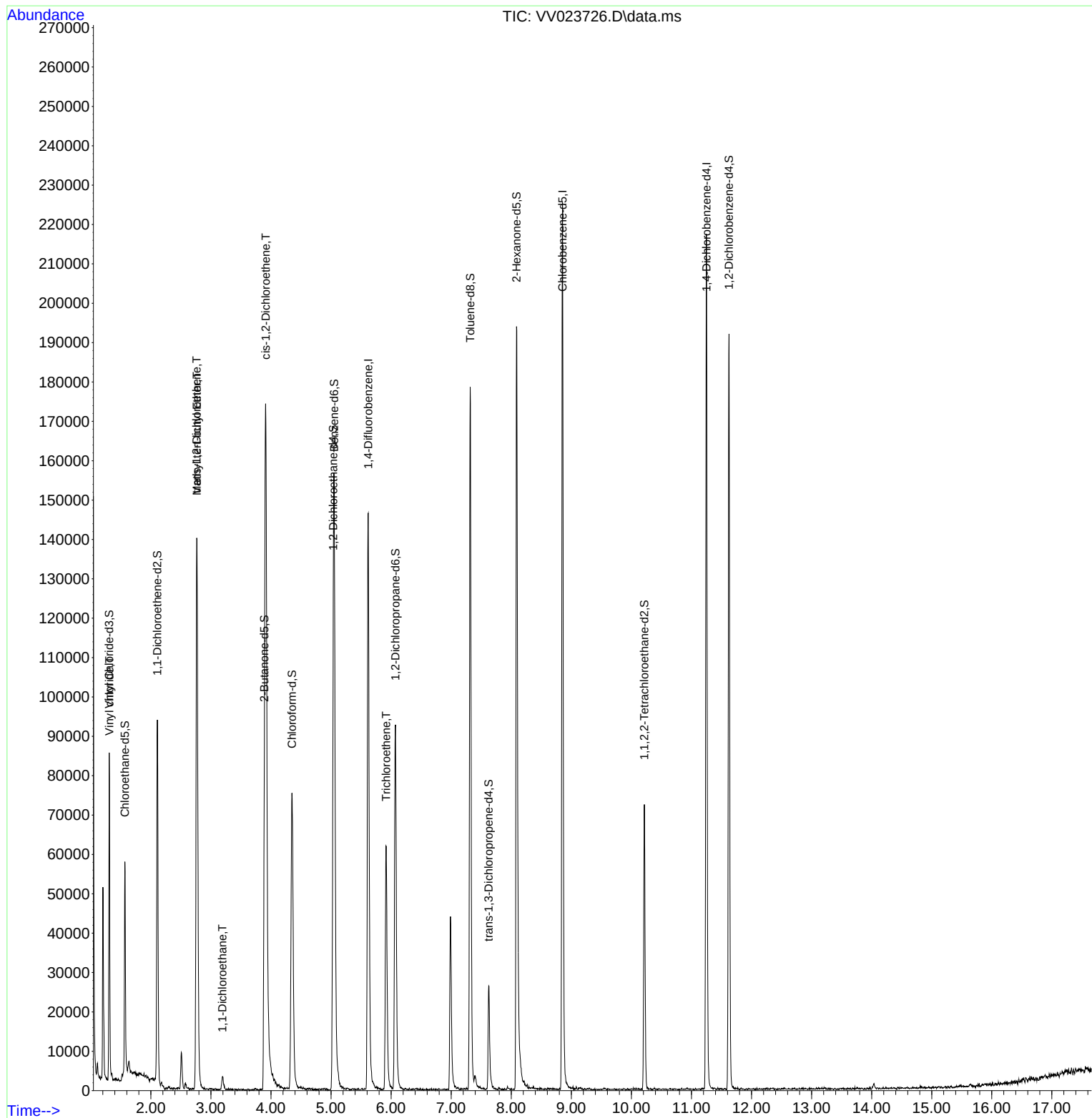
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132080	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	127401	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60691	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	34359	3.169	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.400%
7) Chloroethane-d5	1.568	69	30882	3.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.108	63	48625	2.545	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.800%#
20) 2-Butanone-d5	3.889	46	86249	66.169	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.340%#
24) Chloroform-d	4.349	84	79105	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.037	65	39916	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.053	84	141282	4.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.072	67	44442	4.568	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.317	98	119030	3.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	7.625	79	15803	4.030	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.088	63	66847	51.302	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.600%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32421	4.631	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	51270	4.778	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
5) Vinyl chloride	1.311	62	9777	0.855	ug/L	89
17) Methyl tert-butyl Ether	2.767	73	107687	5.938	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	14731	1.462	ug/L	96
19) 1,1-Dichloroethane	3.191	63	3831	0.226	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	83923	8.682	ug/L	98
34) Trichloroethene	5.915	95	21357	2.195	ug/L	95

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

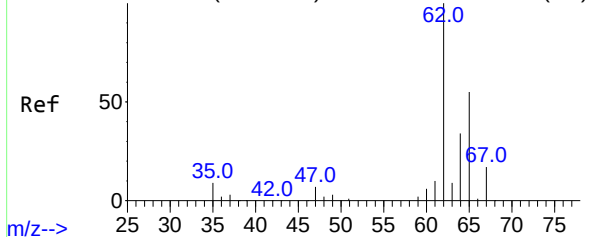
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112621\
Data File : VV023726.D
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Quant Time: Nov 27 03:54:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 27 03:48:32 2021
Response via : Initial Calibration



Abundance Scan 84 (1.310 min): VV023716.D\data.ms (-76)



#5

Vinyl chloride

Concen: 0.855 ug/L

RT: 1.311 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV023726.D

Acq: 26 Nov 2021 15:23

Instrument :

MSVOA_V

ClientSampleId :

H4645DL

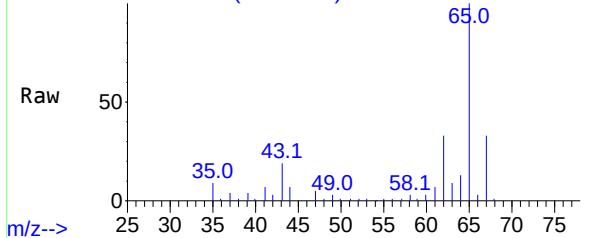
Tgt Ion: 62 Resp: 9777

Ion Ratio Lower Upper

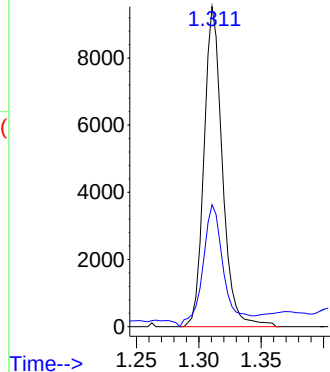
62 100

64 38.1 22.4 41.6

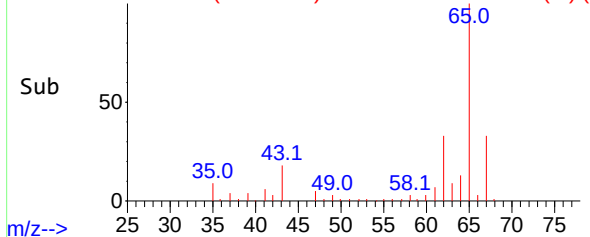
Abundance Scan 84 (1.311 min): VV023726.D\data.ms



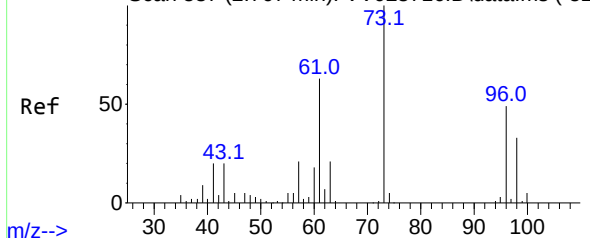
Abundance



Abundance Scan 84 (1.311 min): VV023726.D\data.ms (-1)



Abundance Scan 537 (2.767 min): VV023716.D\data.ms (-52)



#17

Methyl tert-butyl Ether

Concen: 5.938 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.000 min

Lab File: VV023726.D

Acq: 26 Nov 2021 15:23

Tgt Ion: 73 Resp: 107687

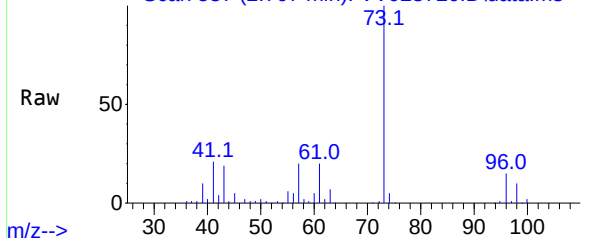
Ion Ratio Lower Upper

73 100

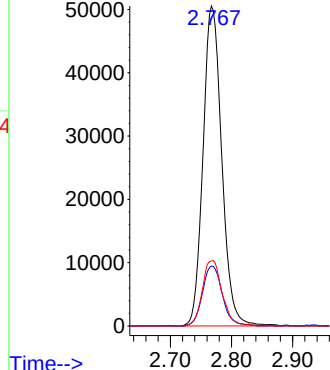
43 19.9 15.5 23.3

57 21.5 17.1 25.7

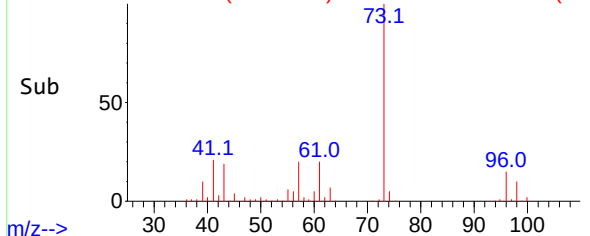
Abundance Scan 537 (2.767 min): VV023726.D\data.ms

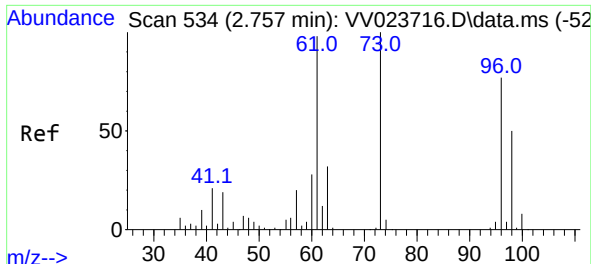


Abundance



Abundance Scan 537 (2.767 min): VV023726.D\data.ms (-44)

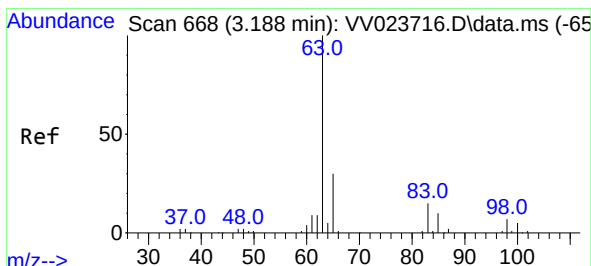
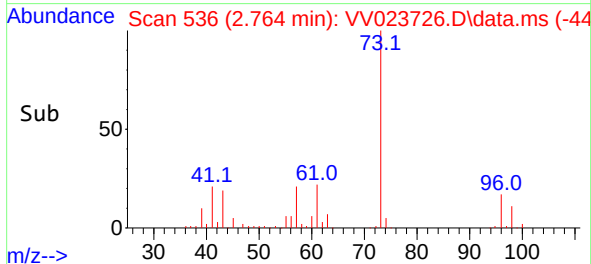
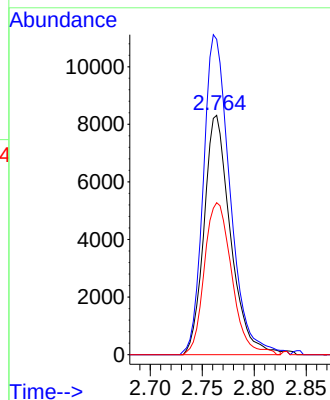
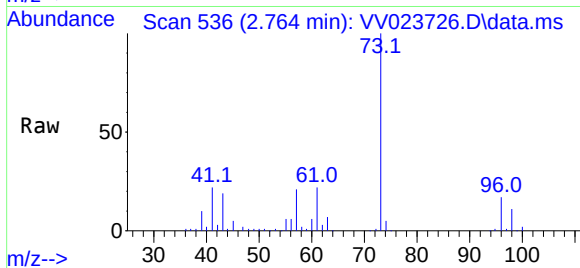




#18
trans-1,2-Dichloroethene
Concen: 1.462 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

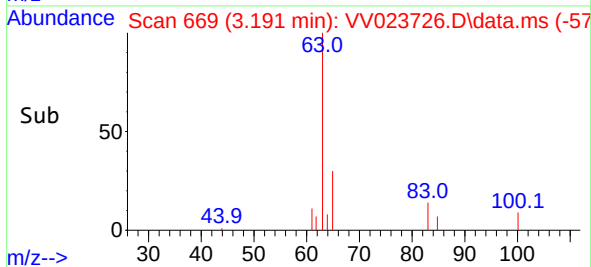
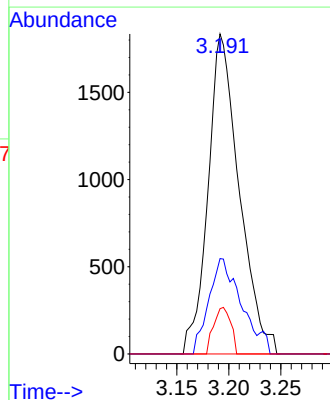
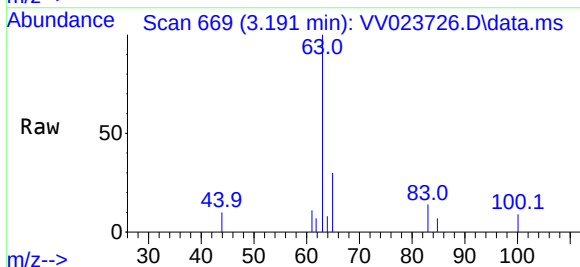
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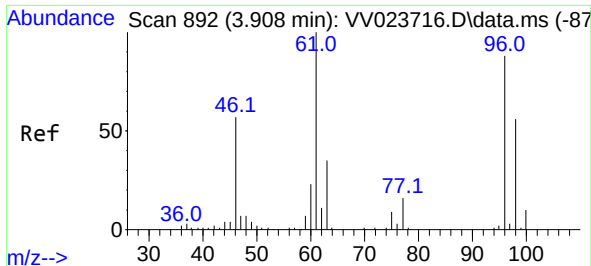
Tgt Ion: 96 Resp: 14731
Ion Ratio Lower Upper
96 100
61 131.7 88.2 163.8
98 63.5 44.9 83.5



#19
1,1-Dichloroethane
Concen: 0.226 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

Tgt Ion: 63 Resp: 3831
Ion Ratio Lower Upper
63 100
65 29.8 22.3 41.3
83 14.2 10.7 19.9

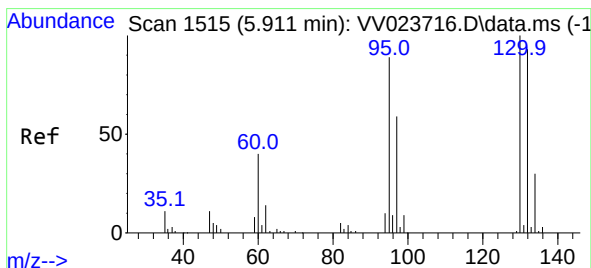
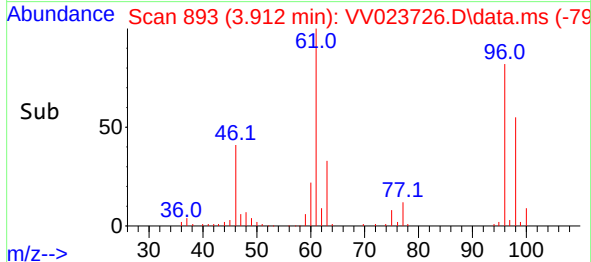
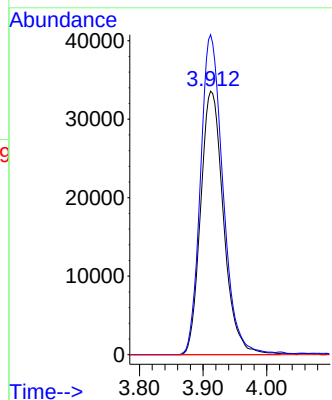
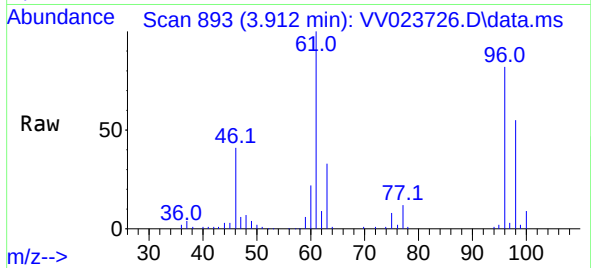




#22
cis-1,2-Dichloroethene
Concen: 8.682 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

Instrument :
MSVOA_V
ClientSampleId :
H4645DL

Tgt Ion: 96 Resp: 83923
Ion Ratio Lower Upper
96 100
61 121.4 83.4 154.8
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 2.195 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023726.D
Acq: 26 Nov 2021 15:23

Tgt Ion: 95 Resp: 21357
Ion Ratio Lower Upper
95 100
97 63.1 45.2 84.0
132 104.7 76.1 141.3
130 116.5 75.4 140.0

