

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111324\
 Data File : VV038061.D
 Acq On : 13 Nov 2024 21:59
 Operator : SY/MD
 Sample : P4804-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46R7

Quant Time: Nov 14 01:02:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 13 00:39:48 2024
 Response via : Initial Calibration

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

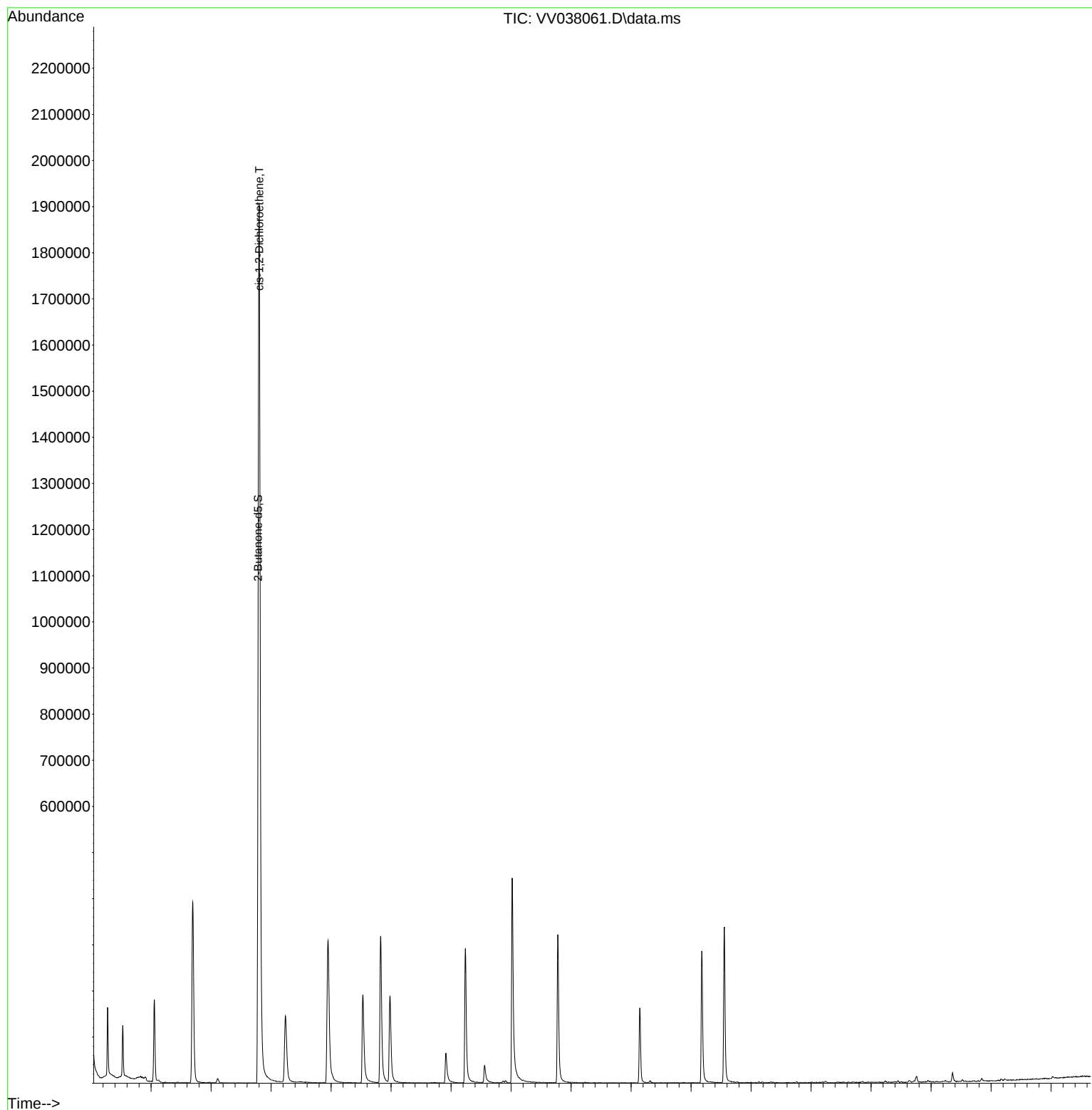
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	186131	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	194995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	85163	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	66971	4.134	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.529	69	69674	5.276	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.053	65	29312	4.129	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	3.783	46	193382	51.942	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.880%
24) Chloroform-d	4.240	84	166015	5.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
26) 1,2-Dichloroethane-d4	4.934	65	81101	5.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.800%
32) Benzene-d6	4.950	84	290264	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	5.982	67	96578	5.117	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.240	98	217338	3.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	7.558	79	29555	3.863	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.018	63	169254	49.486	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.980%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	85406	5.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	11.555	152	96658	5.459	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.278	62	29754	1.574	ug/L	100
17) Methyl tert-butyl Ether	2.696	73	326570	9.473	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	30945	2.021	ug/L	96
19) 1,1-Dichloroethane	3.111	63	10489	0.381	ug/L	96
22) cis-1,2-Dichloroethene	3.802	96	1081802	67.229	ug/L	96
34) Trichloroethene	5.828	95	122134	7.204	ug/L	97

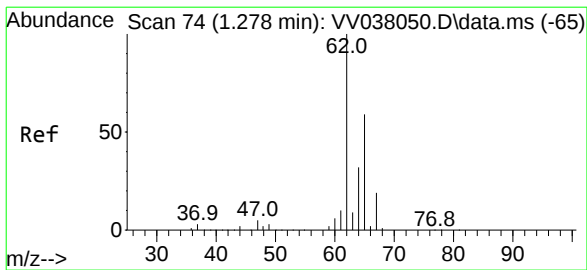
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 13 00:39:48 2024
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#5

Vinyl chloride

Concen: 1.574 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.000 min

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MSVOA_V

ClientSampleId :

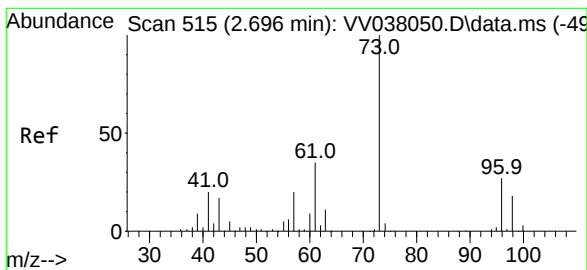
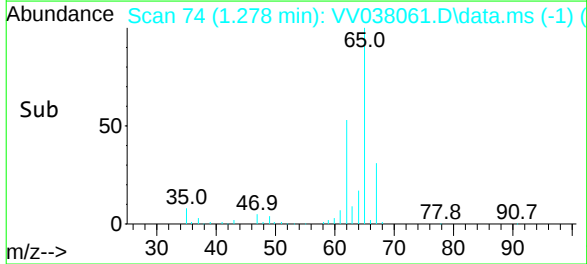
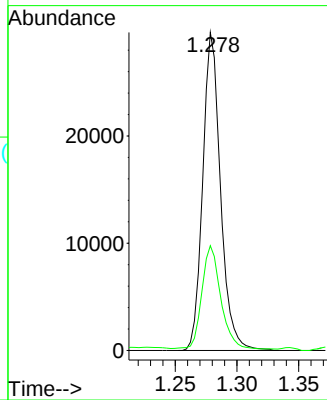
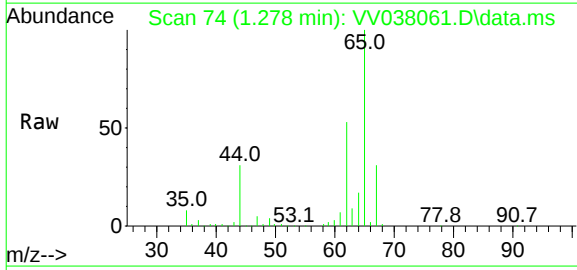
H46R7

Tgt Ion: 62 Resp: 29754

Ion Ratio Lower Upper

62 100

64 33.0 23.0 42.6



#17

Methyl tert-butyl Ether

Concen: 9.473 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.000 min

Lab File: VV038061.D

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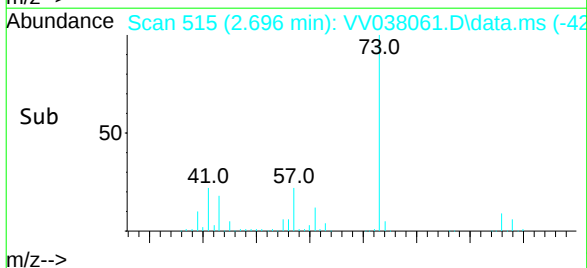
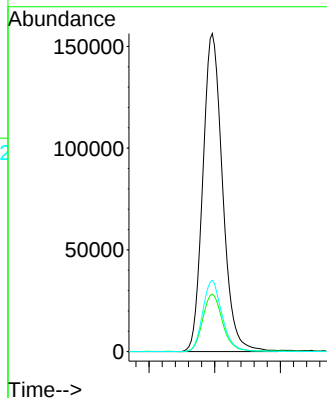
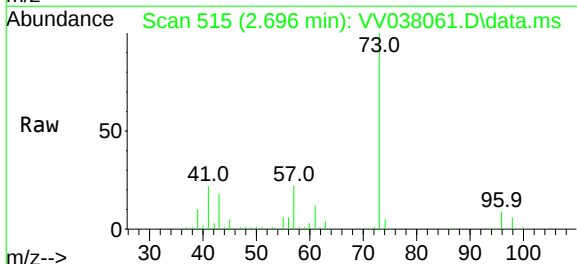
Tgt Ion: 73 Resp: 326570

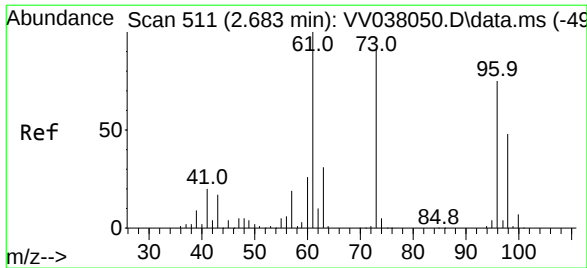
Ion Ratio Lower Upper

73 100

43 18.2 14.1 21.1

57 21.8 17.2 25.8

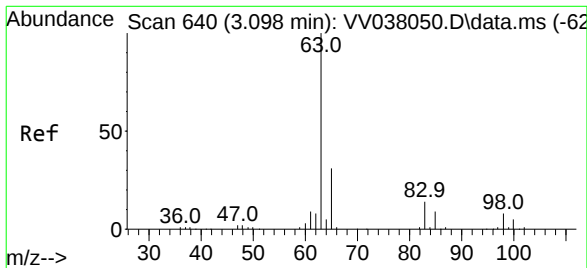
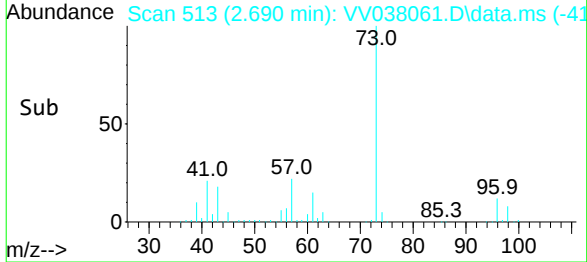
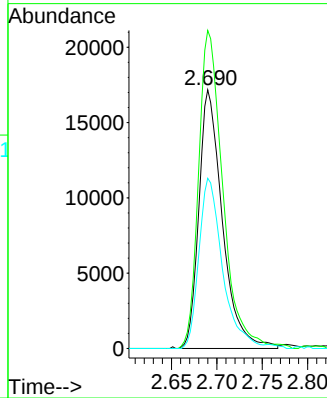
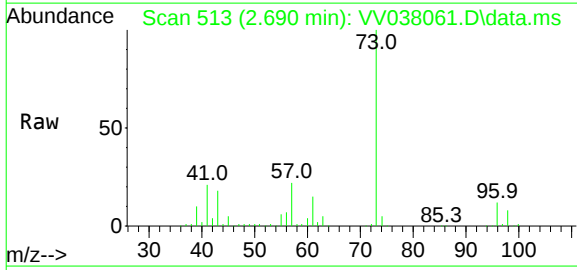




#18
trans-1,2-Dichloroethene
Concen: 2.021 ug/L
RT: 2.690 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV038061.D
Acq: 13 Nov 2024 21:59

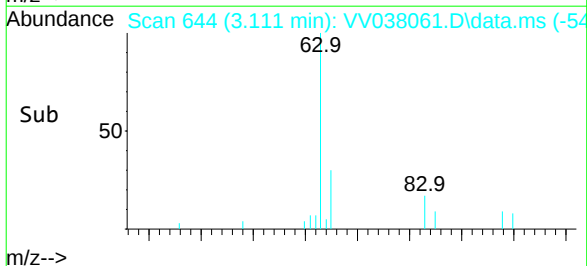
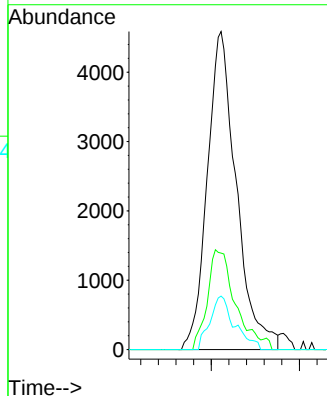
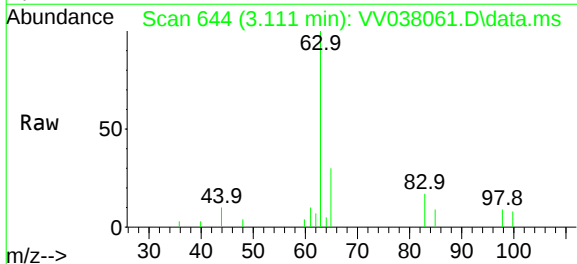
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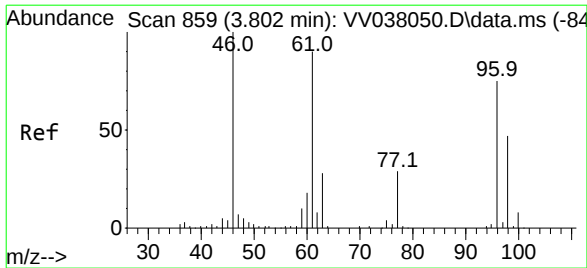
Tgt Ion: 96 Resp: 30945
Ion Ratio Lower Upper
96 100
61 123.0 90.2 167.6
98 65.8 45.7 84.9



#19
1,1-Dichloroethane
Concen: 0.381 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.010 min
Lab File: VV038061.D
Acq: 13 Nov 2024 21:59

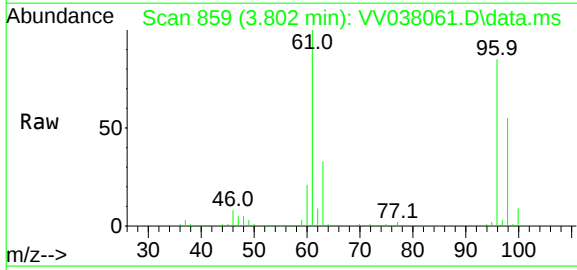
Tgt Ion: 63 Resp: 10489
Ion Ratio Lower Upper
63 100
65 30.3 22.0 40.8
83 16.8 9.2 17.2



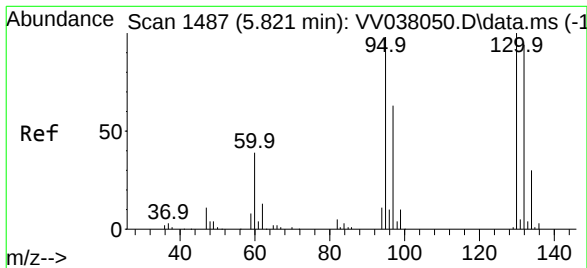
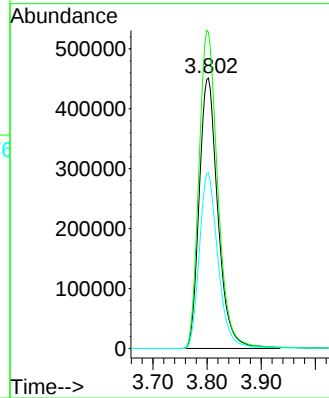
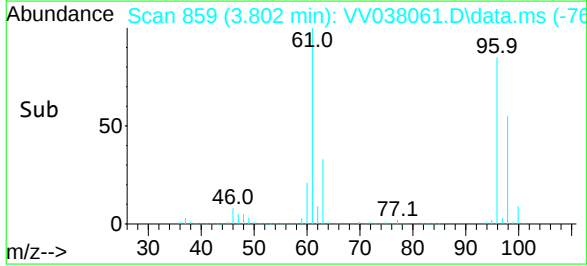


#22
 cis-1,2-Dichloroethene
 Concen: 67.229 ug/L
 RT: 3.802 min Scan# 859
 Delta R.T. 0.000 min
 Lab File: VV038061.D
 Acq: 13 Nov 2024 21:59

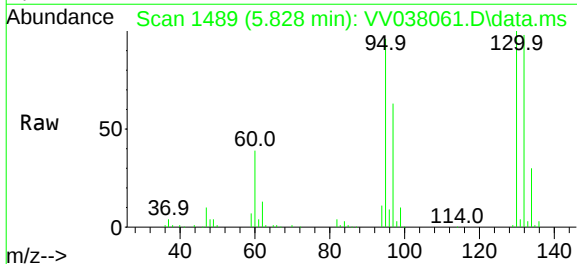
Instrument :
 MSVOA_V
 ClientSampleId :
 H46R7



Tgt Ion: 96 Resp: 1081802
 Ion Ratio Lower Upper
 96 100
 61 117.0 84.1 156.3
 98 64.9 42.6 79.0



#34
 Trichloroethene
 Concen: 7.204 ug/L
 RT: 5.828 min Scan# 1489
 Delta R.T. 0.003 min
 Lab File: VV038061.D
 Acq: 13 Nov 2024 21:59



Tgt Ion: 95 Resp: 122134
 Ion Ratio Lower Upper
 95 100
 97 66.1 44.5 82.7
 132 102.9 67.9 126.1
 130 104.5 72.8 135.2

