

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023703.D
 Acq On : 24 Nov 2021 16:16
 Operator : SY/MD
 Sample : M4821-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4646

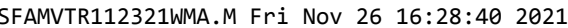
Quant Time: Nov 26 01:54:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

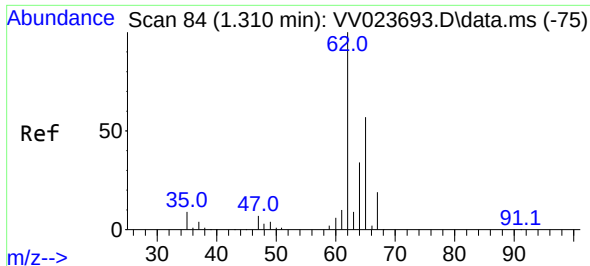
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	135263	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	131801	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62848	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43928	3.956	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.568	69	36812	4.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.111	63	61054	3.120	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	3.889	46	92187	69.061	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.120%#
24) Chloroform-d	4.352	84	82683	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.034	65	41979	4.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.053	84	163143	4.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.069	67	47642	4.733	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.317	98	143134	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.625	79	17759	4.377	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.088	63	70299	52.150	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33459	4.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	56033	5.043	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	52350	4.468	ug/L	95
12) 1,1-Dichloroethene	2.121	96	1445	0.159	ug/L #	1
13) Acetone	2.191	43	2586	2.153	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	1498564	80.689	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	151486	14.676	ug/L	98
19) 1,1-Dichloroethane	3.191	63	13506	0.778	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	485280	49.022	ug/L	100
33) Benzene	5.104	78	6237	0.166	ug/L	100
34) Trichloroethene	5.918	95	7702	0.765	ug/L	97

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

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Response via : Initial Calibration

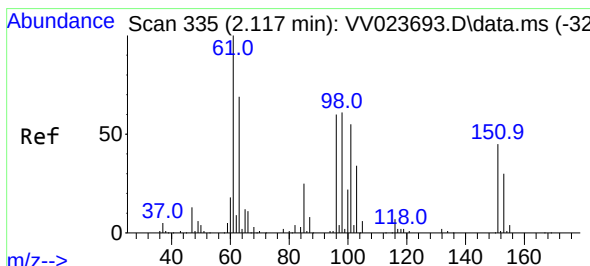
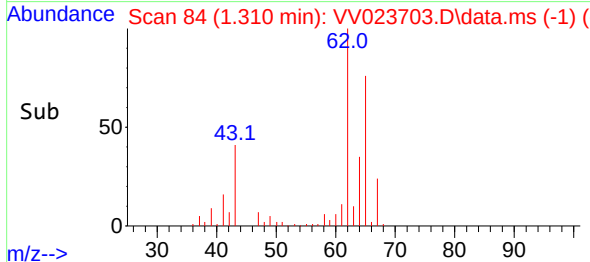
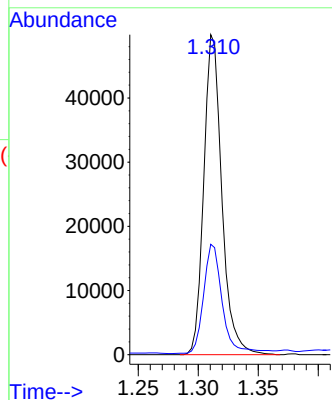
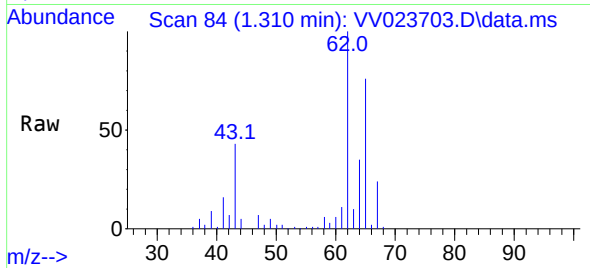




#5
 Vinyl chloride
 Concen: 4.468 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023703.D
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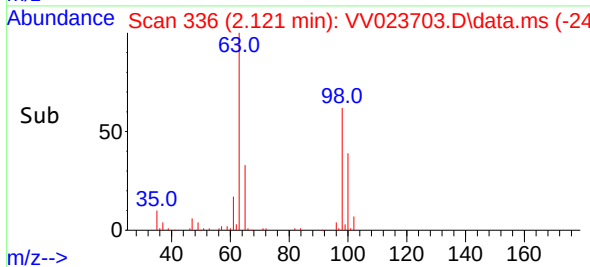
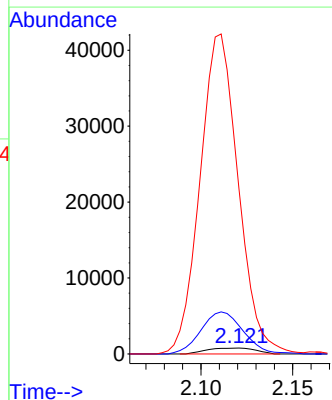
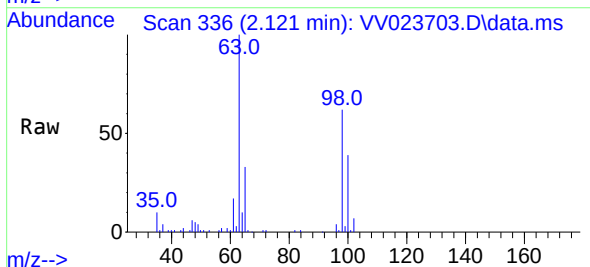
Instrument :
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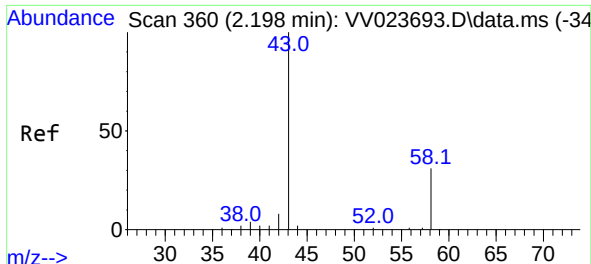
Tgt Ion: 62 Resp: 52350
 Ion Ratio Lower Upper
 62 100
 64 34.5 22.4 41.6



#12
 1,1-Dichloroethene
 Concen: 0.159 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV023703.D
 Acq: 24 Nov 2021 16:16

Tgt Ion: 96 Resp: 1445
 Ion Ratio Lower Upper
 96 100
 61 478.4 116.1 215.5#
 63 2798.5 79.4 147.4#

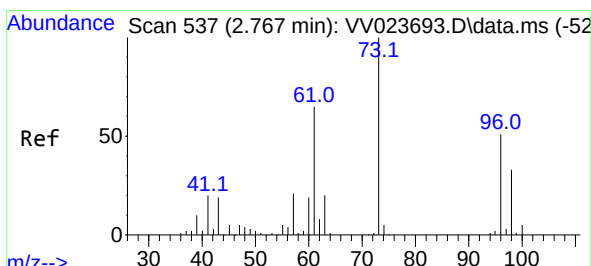
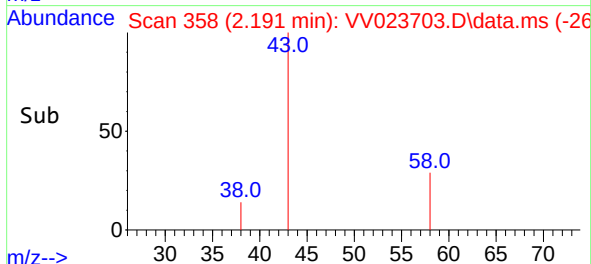
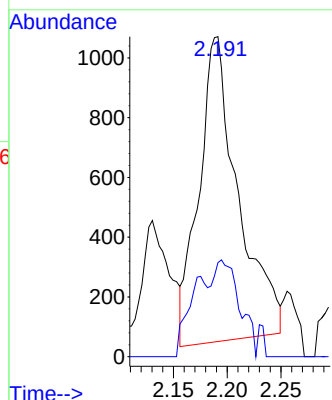
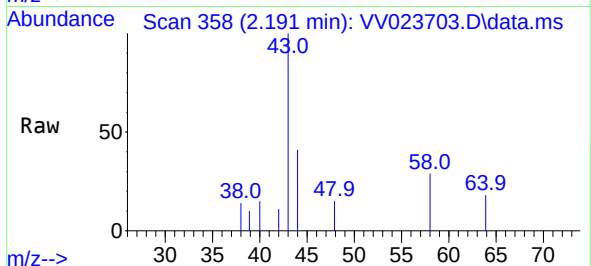




#13
Acetone
Concen: 2.153 ug/L
RT: 2.191 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV023703.D
Acq: 24 Nov 2021 16:16

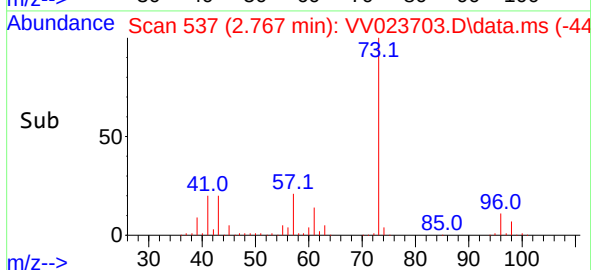
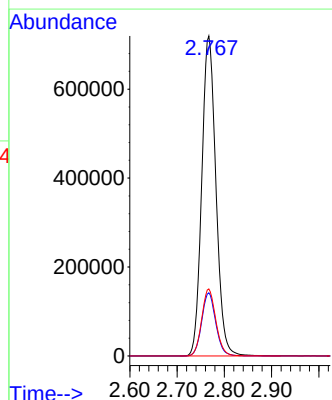
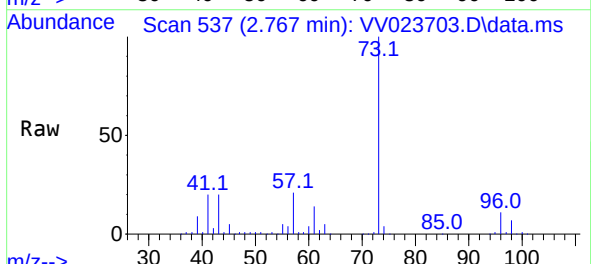
Instrument :
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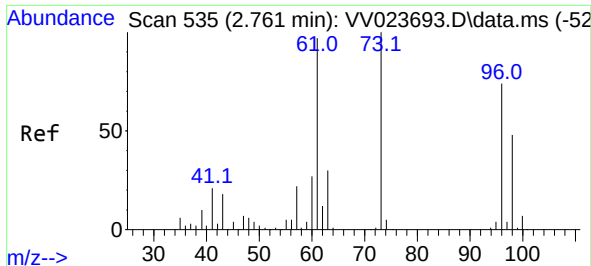
Tgt Ion: 43 Resp: 2586
Ion Ratio Lower Upper
43 100
58 22.1 0.0 41.4



#17
Methyl tert-butyl Ether
Concen: 80.689 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV023703.D
Acq: 24 Nov 2021 16:16

Tgt Ion: 73 Resp: 1498564
Ion Ratio Lower Upper
73 100
43 19.5 15.5 23.3
57 20.9 17.1 25.7

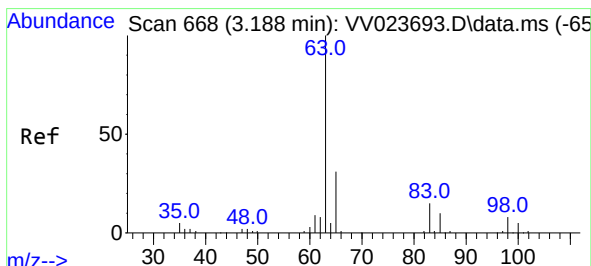
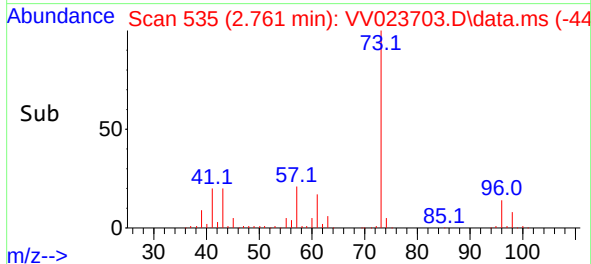
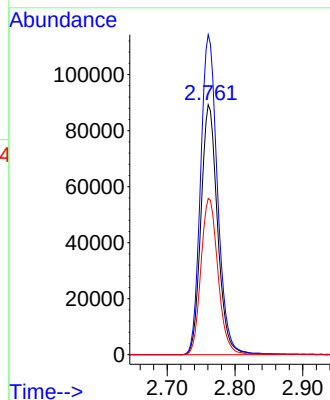
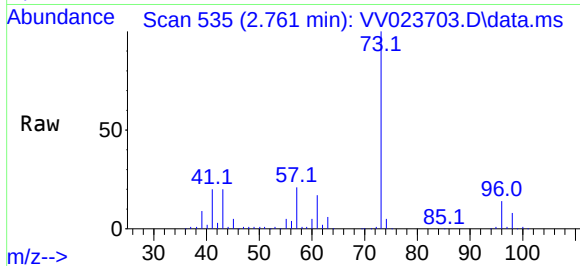




#18
trans-1,2-Dichloroethene
Concen: 14.676 ug/L
RT: 2.761 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV023703.D
Acq: 24 Nov 2021 16:16

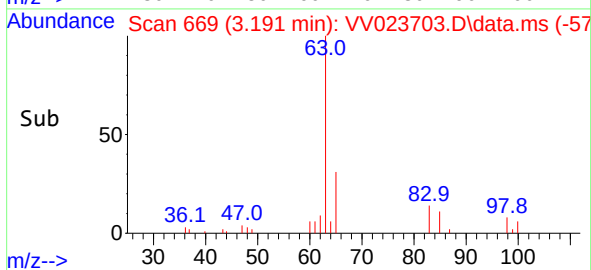
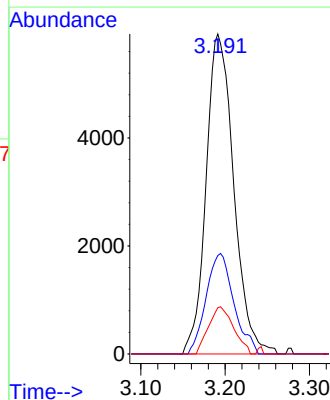
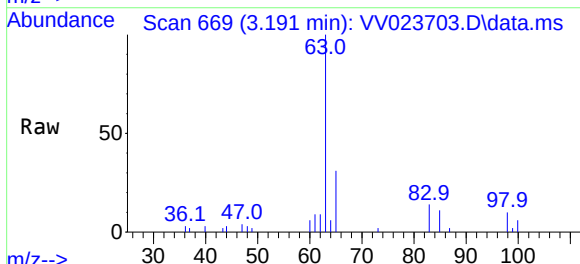
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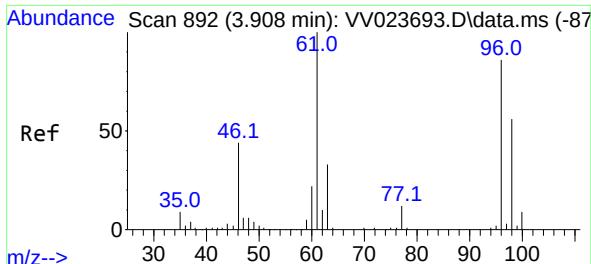
Tgt Ion: 96 Resp: 151486
Ion Ratio Lower Upper
96 100
61 128.1 88.2 163.8
98 62.5 44.9 83.5



#19
1,1-Dichloroethane
Concen: 0.778 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023703.D
Acq: 24 Nov 2021 16:16

Tgt Ion: 63 Resp: 13506
Ion Ratio Lower Upper
63 100
65 30.8 22.3 41.3
83 14.4 10.7 19.9

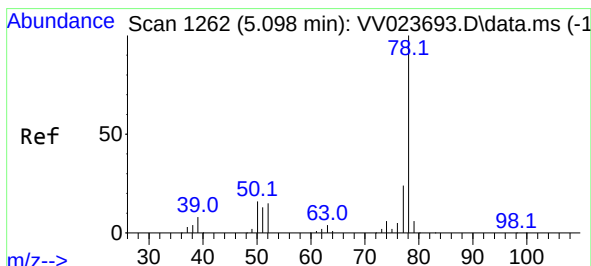
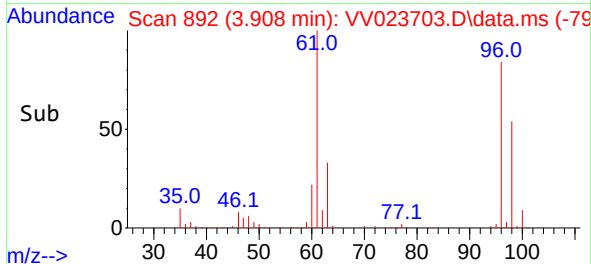
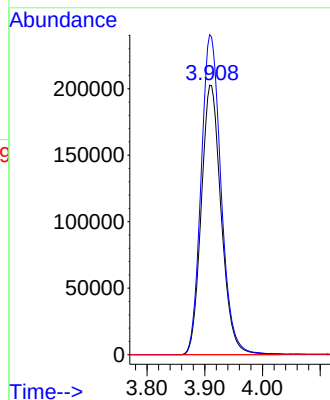
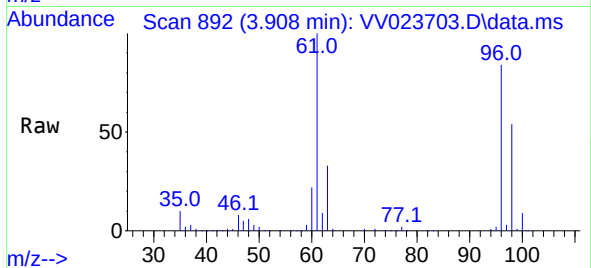




#22
 cis-1,2-Dichloroethene
 Concen: 49.022 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: VV023703.D
 Acq: 24 Nov 2021 16:16

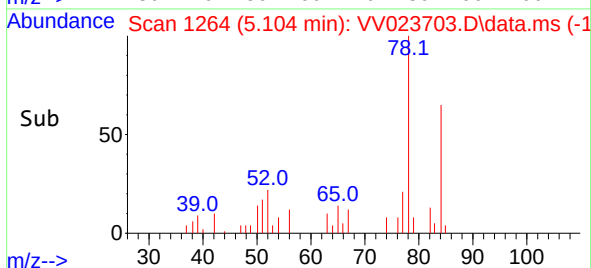
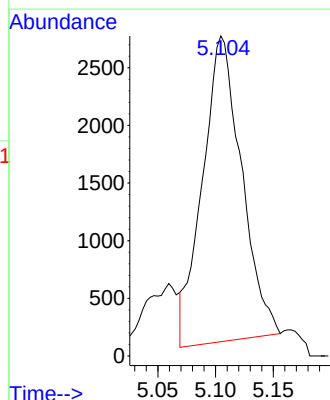
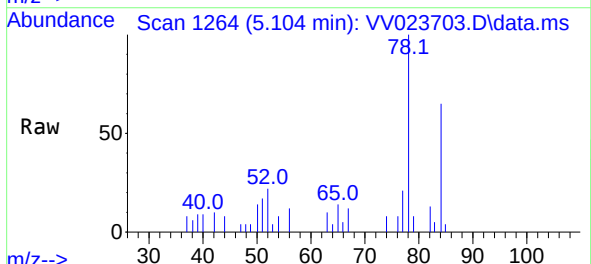
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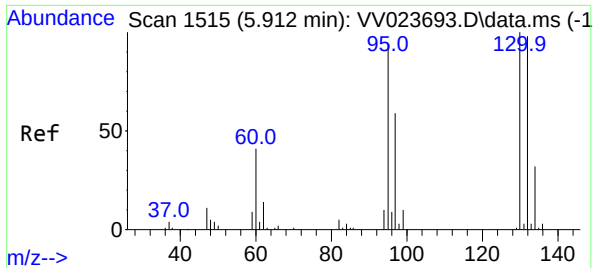
Tgt Ion: 96 Resp: 485280
 Ion Ratio Lower Upper
 96 100
 61 118.8 83.4 154.8
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.166 ug/L
 RT: 5.104 min Scan# 1264
 Delta R.T. 0.006 min
 Lab File: VV023703.D
 Acq: 24 Nov 2021 16:16

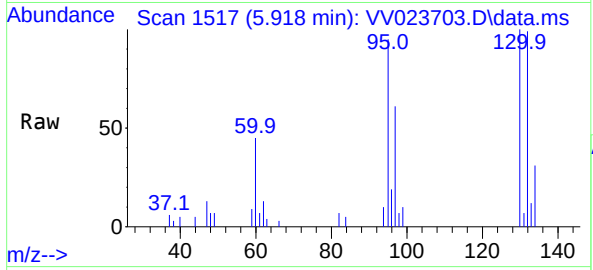
Tgt Ion: 78 Resp: 6237





#34
 Trichloroethene
 Concen: 0.765 ug/L
 RT: 5.918 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VV023703.D
 Acq: 24 Nov 2021 16:16

Instrument :
 MSVOA_V
 ClientSampleId :
 H4646



Tgt Ion: 95 Resp: 7702

Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.2	84.0
132	104.0	76.1	141.3
130	104.8	75.4	140.0

