

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023896.D
 Acq On : 10 Dec 2021 19:03
 Operator : SY/MD
 Sample : M4984-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Q8

Quant Time: Dec 11 04:47:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

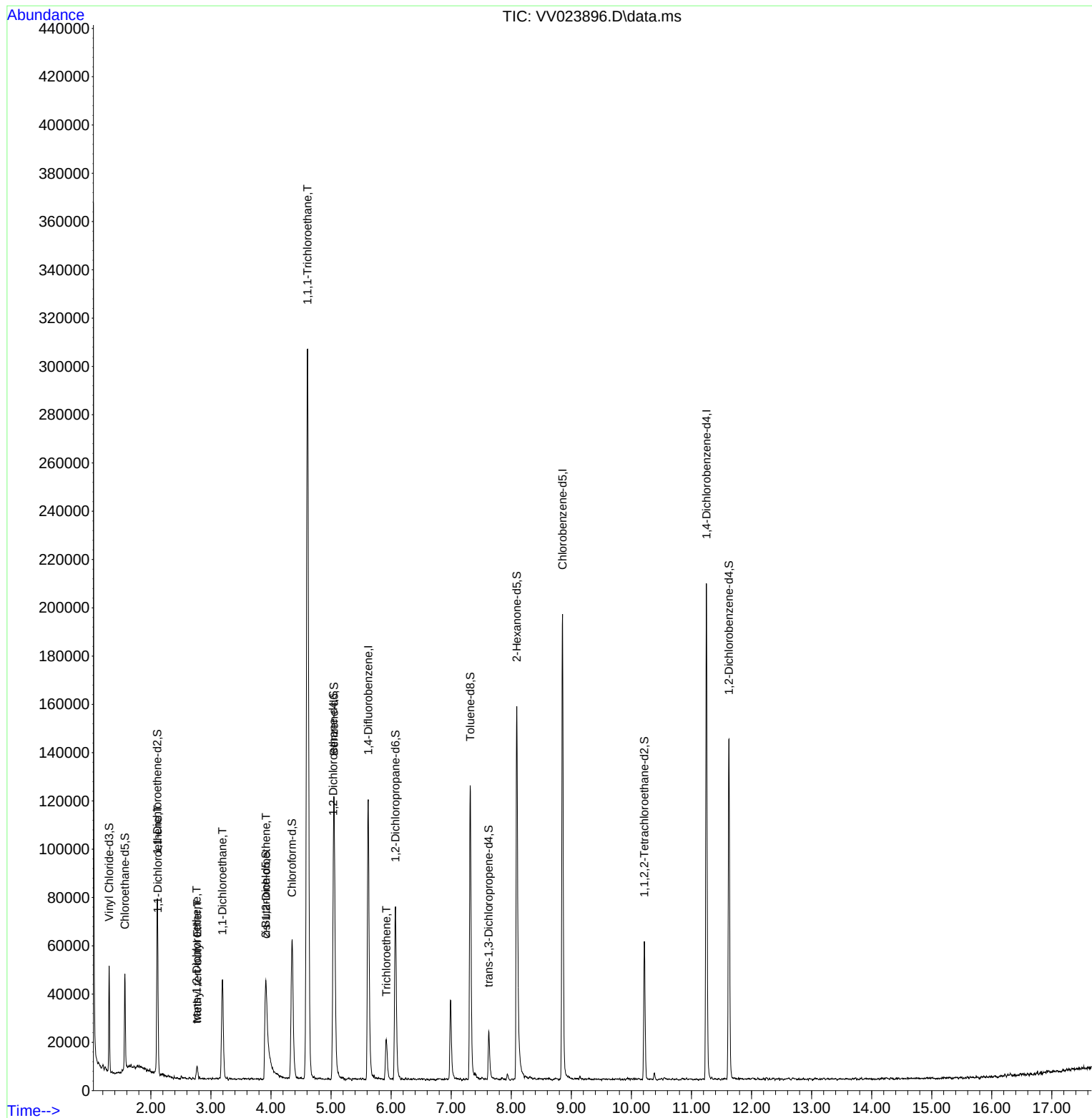
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	103507	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	109041	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55282	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	25868	4.649	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.000%	
7) Chloroethane-d5	1.568	69	23307	5.020	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.400%	
11) 1,1-Dichloroethene-d2	2.108	63	35935	3.308	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.200%	
20) 2-Butanone-d5	3.912	46	60358	55.521	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.040%	
24) Chloroform-d	4.349	84	60059	4.765	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
26) 1,2-Dichloroethane-d4	5.037	65	29818	5.081	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
32) Benzene-d6	5.050	84	102301	4.737	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.072	67	33400	5.126	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.600%	
41) Toluene-d8	7.317	98	82318	4.234	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.600%	
43) trans-1,3-Dichloroprop...	7.625	79	11601	4.292	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.092	63	58679	48.491	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.980%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25982	4.807	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	38087	5.158	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.118	96	3279	0.472	ug/L #	1
17) Methyl tert-butyl Ether	2.774	73	2531	0.161	ug/L #	70
18) trans-1,2-Dichloroethene	2.764	96	1472	0.191	ug/L	78
19) 1,1-Dichloroethane	3.192	63	39941	2.895	ug/L	97
22) cis-1,2-Dichloroethene	3.918	96	10380	1.276	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	246721	17.294	ug/L	100
34) Trichloroethene	5.921	95	6014	0.691	ug/L	94

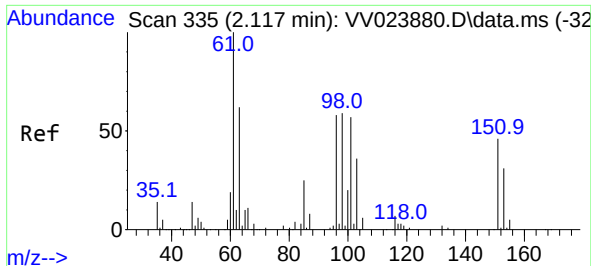
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 11 04:33:17 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.472 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV023896.D

Acq: 10 Dec 2021 19:03

Instrument :

MSVOA_V

ClientSampleId :

EW5Q8

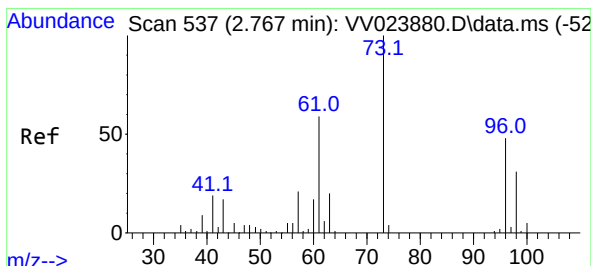
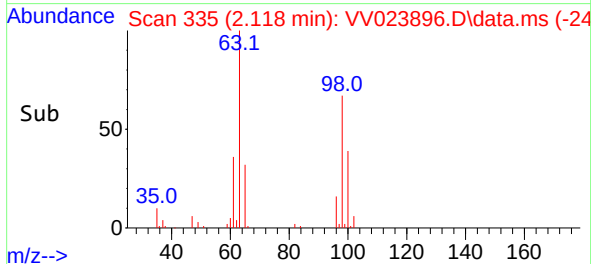
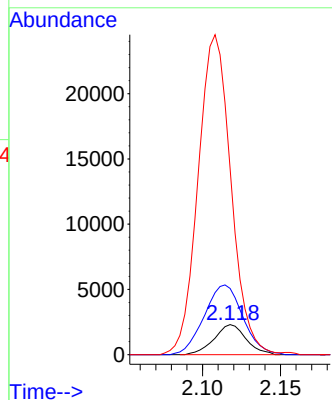
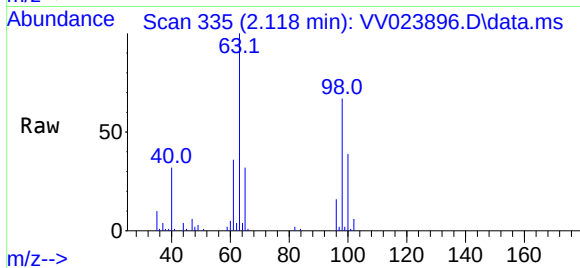
Tgt Ion: 96 Resp: 3279

Ion Ratio Lower Upper

96 100

61 220.5 116.1 215.5#

63 619.6 79.4 147.4#



#17

Methyl tert-butyl Ether

Concen: 0.161 ug/L

RT: 2.774 min Scan# 539

Delta R.T. 0.007 min

Lab File: VV023896.D

Acq: 10 Dec 2021 19:03

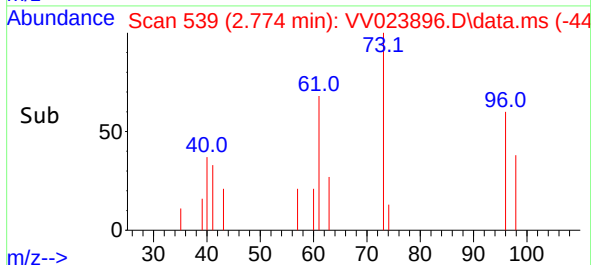
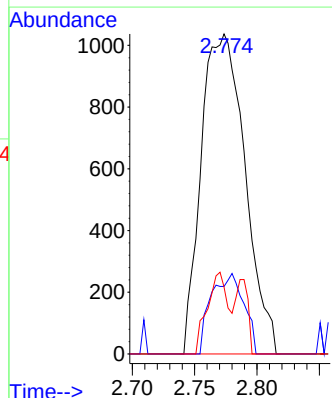
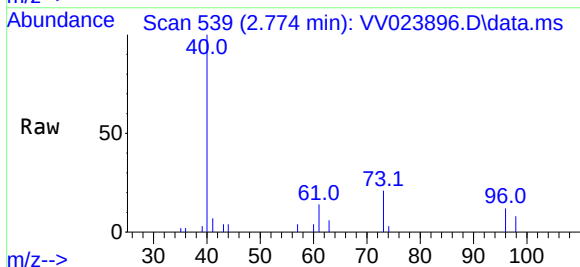
Tgt Ion: 73 Resp: 2531

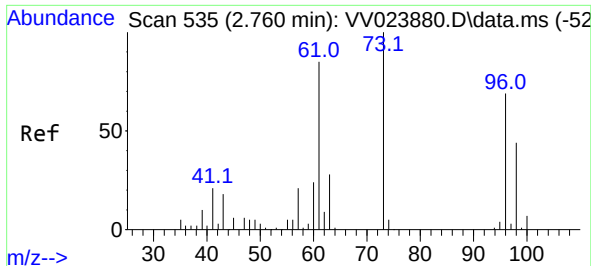
Ion Ratio Lower Upper

73 100

43 0.8 15.5 23.3#

57 12.1 17.1 25.7#

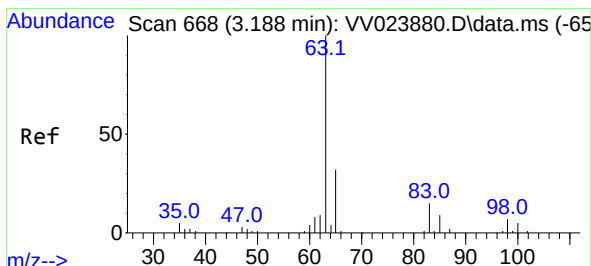
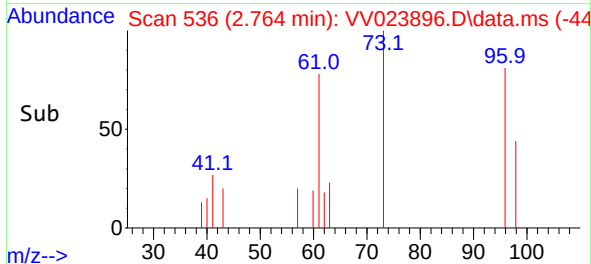
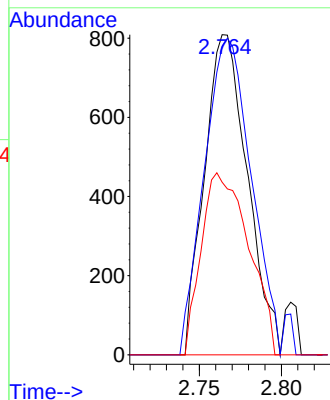
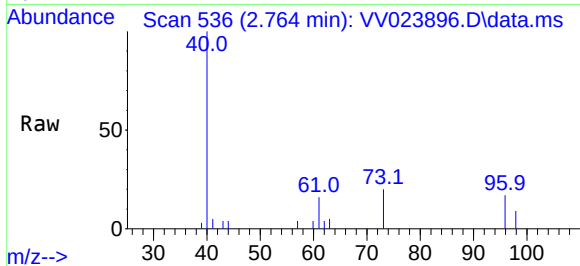




#18
trans-1,2-Dichloroethene
Concen: 0.191 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023896.D
Acq: 10 Dec 2021 19:03

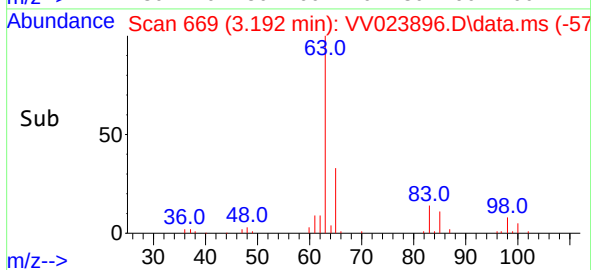
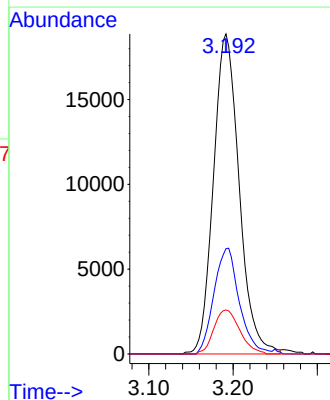
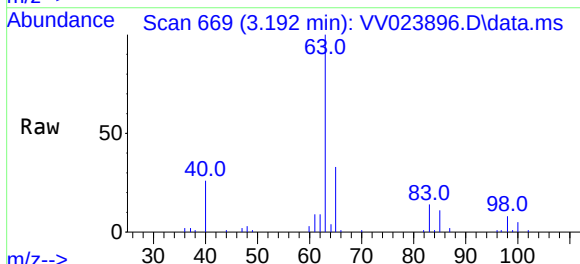
Instrument :
MSVOA_V
ClientSampleId :
EW5Q8

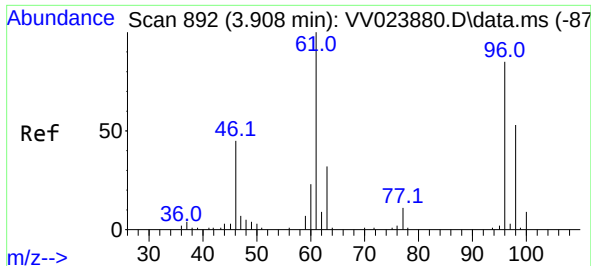
Tgt Ion:	96	Resp:	1472
Ion	Ratio	Lower	Upper
96	100		
61	96.4	88.2	163.8
98	53.9	44.9	83.5



#19
1,1-Dichloroethane
Concen: 2.895 ug/L
RT: 3.192 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023896.D
Acq: 10 Dec 2021 19:03

Tgt Ion:	63	Resp:	39941
Ion	Ratio	Lower	Upper
63	100		
65	32.9	22.3	41.3
83	13.8	10.7	19.9





#22

cis-1,2-Dichloroethene

Concen: 1.276 ug/L

RT: 3.918 min Scan# 89

Delta R.T. 0.010 min

Lab File: VV023896.D

Acq: 10 Dec 2021 19:03

Instrument :

MSVOA_V

ClientSampleId :

EW5Q8

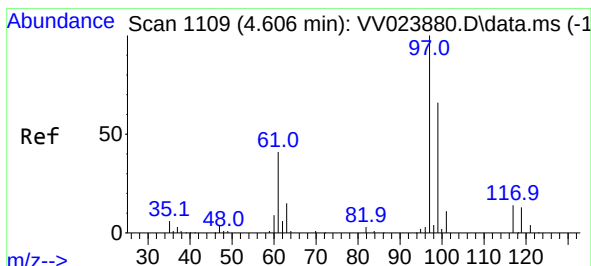
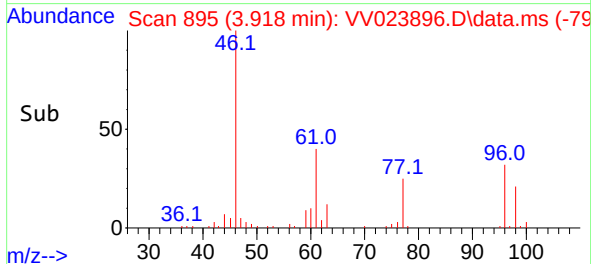
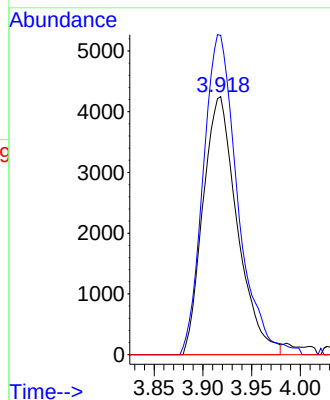
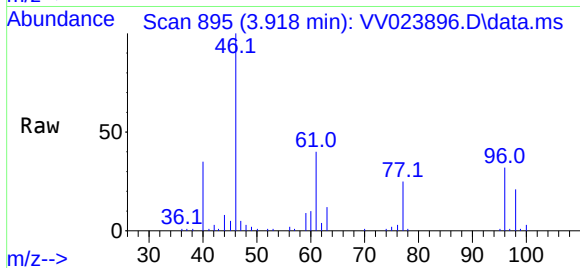
Tgt Ion: 96 Resp: 10380

Ion Ratio Lower Upper

96 100

61 123.7 83.4 154.8

68 0.0 0.0 0.0



#29

1,1,1-Trichloroethane

Concen: 17.294 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV023896.D

Acq: 10 Dec 2021 19:03

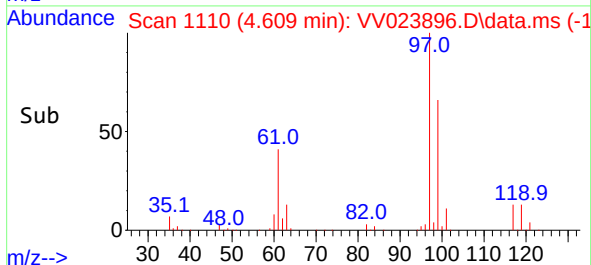
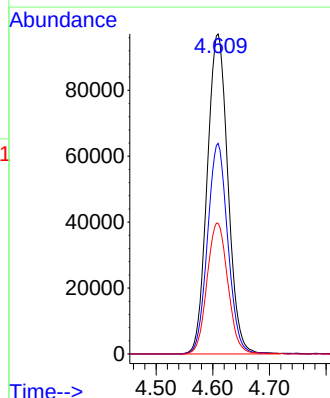
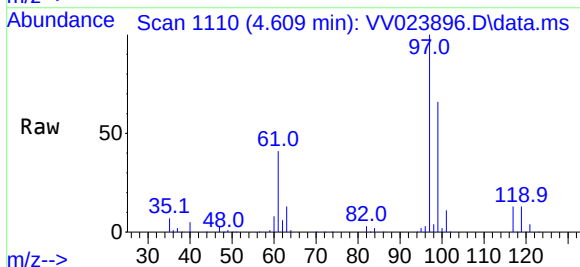
Tgt Ion: 97 Resp: 246721

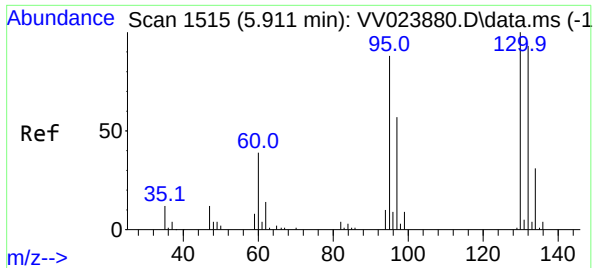
Ion Ratio Lower Upper

97 100

99 64.7 51.9 77.9

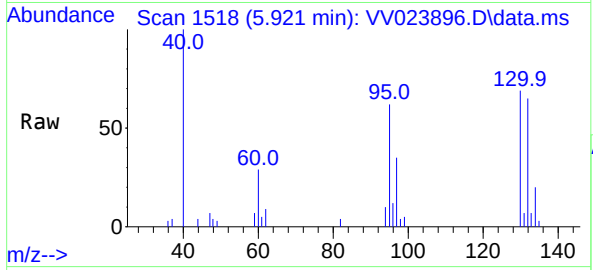
61 41.2 33.2 49.8





#34
 Trichloroethene
 Concen: 0.691 ug/L
 RT: 5.921 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VV023896.D
 Acq: 10 Dec 2021 19:03

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5Q8



Tgt Ion: 95 Resp: 6014

Ion	Ratio	Lower	Upper
95	100		
97	56.2	45.2	84.0
132	103.4	76.1	141.3
130	110.8	75.4	140.0

