

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013023\
 Data File : VW029994.D
 Acq On : 30 Jan 2023 16:13
 Operator : SY/MD
 Sample : 01295-06DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 31 02:20:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 31 02:16:13 2023
 Response via : Initial Calibration

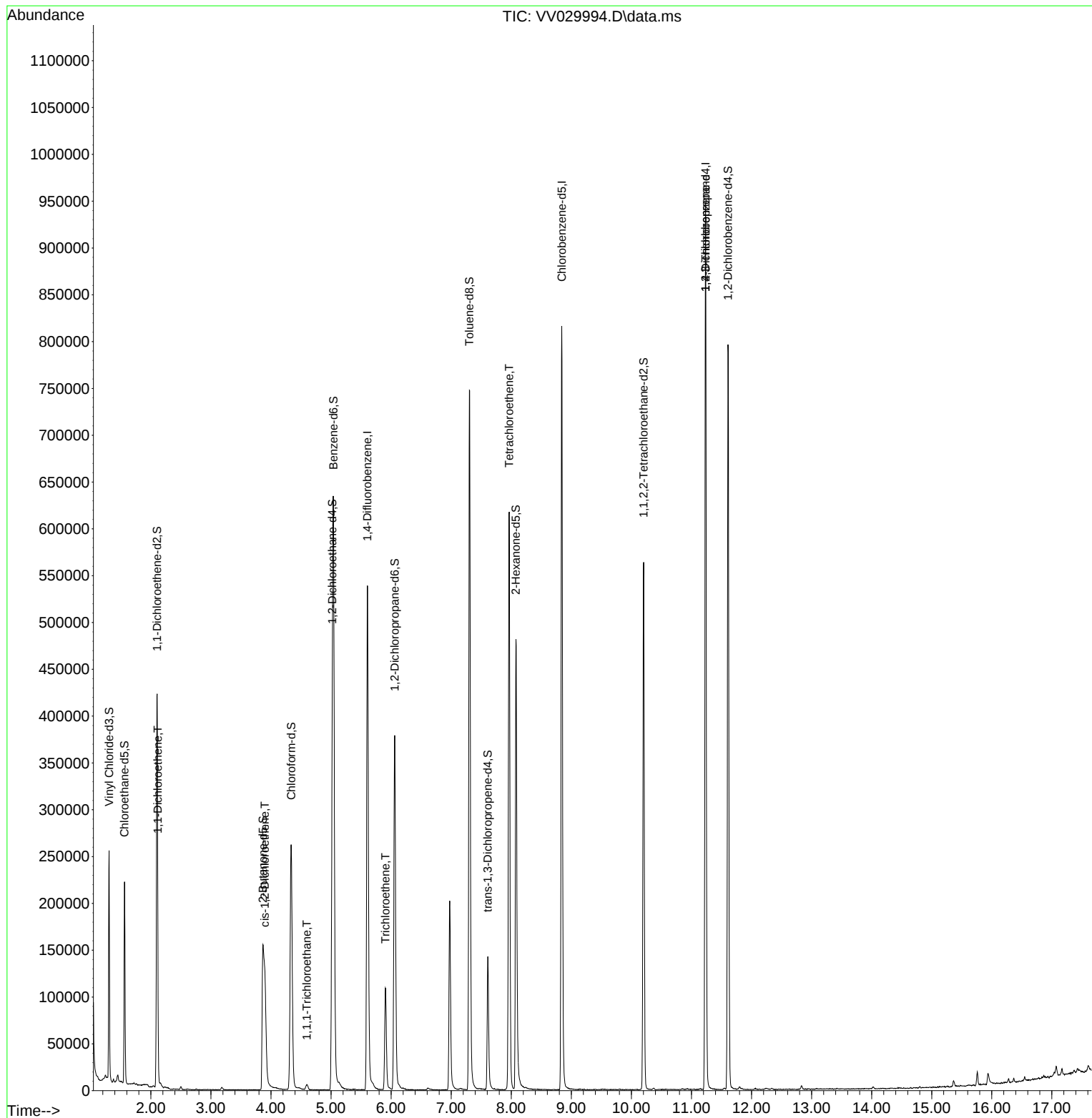
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	484960	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	463962	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	245166	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	152217	45.045	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.100%
7) Chloroethane-d5	1.561	69	140920	49.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.140%
11) 1,1-Dichloroethene-d2	2.101	63	221291	36.851	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.700%
21) 2-Butanone-d5	3.863	46	216444	109.921	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.920%
24) Chloroform-d	4.336	84	282157	44.909	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.820%
26) 1,2-Dichloroethane-d4	5.021	65	168697	47.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.920%
32) Benzene-d6	5.040	84	604156	48.672	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.340%
36) 1,2-Dichloropropane-d6	6.059	67	204257	53.458	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.920%
41) Toluene-d8	7.304	98	518223	45.556	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.120%
43) trans-1,3-Dichloroprop...	7.609	79	85613	50.445	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.900%
47) 2-Hexanone-d5	8.079	63	181677	110.584	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.580%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	283086	47.877	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.760%
66) 1,2-Dichlorobenzene-d4	11.609	152	211087	48.322	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.640%
Target Compounds						
12) 1,1-Dichloroethene	2.114	96	11324	3.478	ug/L #	1
20) cis-1,2-Dichloroethene	3.899	96	50729	13.273	ug/L	94
30) 1,1,1-Trichloroethane	4.596	97	4879	0.905	ug/L #	85
34) Trichloroethene	5.905	95	39635	11.290	ug/L	94
46) Tetrachloroethene	7.966	164	144516	49.903	ug/L	98
61) 1,2,3-Trichloropropane	11.236	75	30526	7.645	ug/L #	63

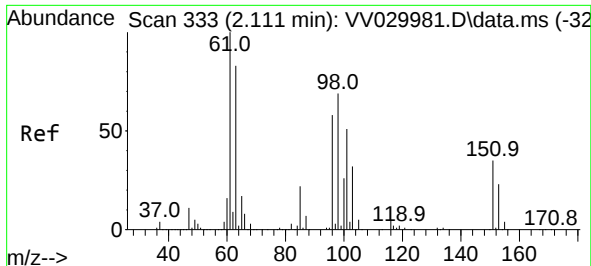
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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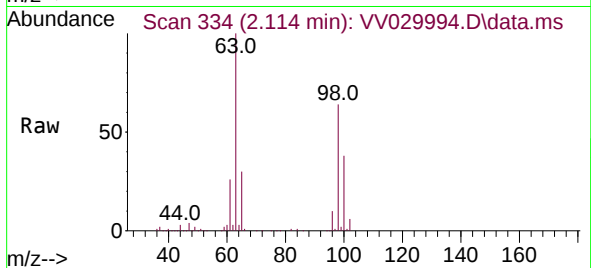
Quant Time: Jan 31 02:20:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 31 02:16:13 2023
Response via : Initial Calibration



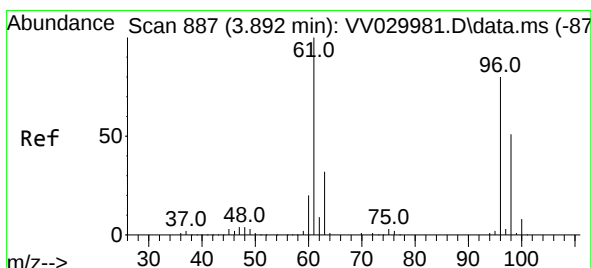
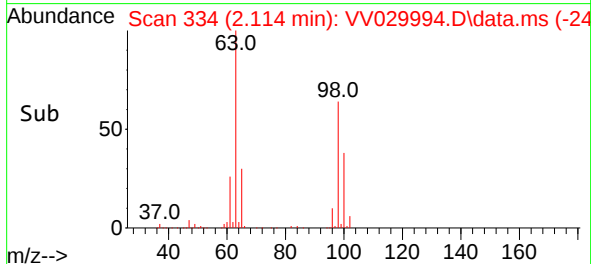
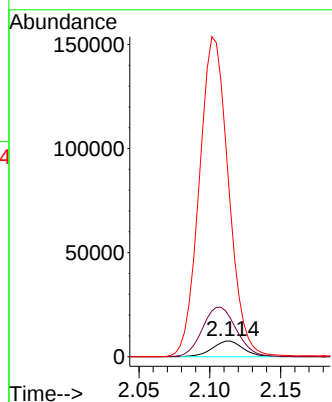


#12
 1,1-Dichloroethene
 Concen: 3.478 ug/L
 RT: 2.114 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV029994.D
 Acq: 30 Jan 2023 16:13

Instrument :
 MSVOA_V
 ClientSampleId :

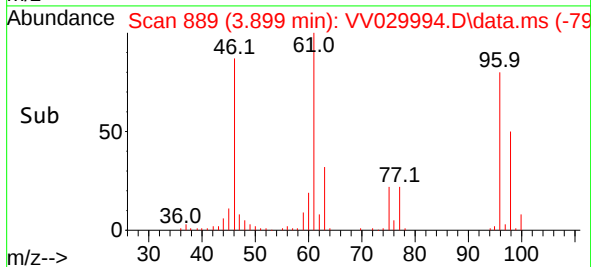
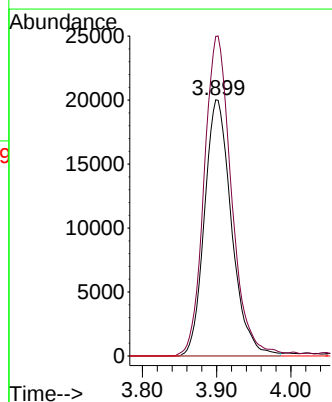
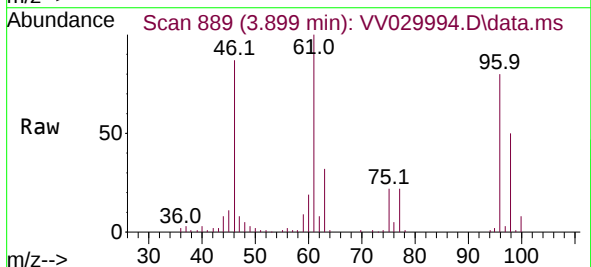


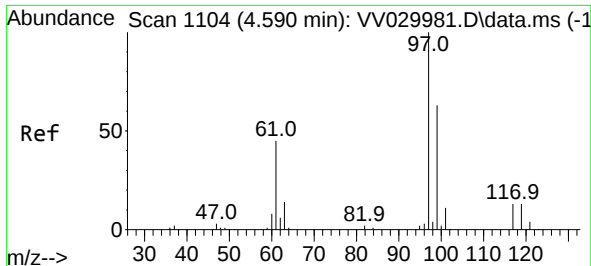
Tgt Ion: 96 Resp: 11324
 Ion Ratio Lower Upper
 96 100
 61 249.8 110.2 204.6#
 63 979.1 88.6 164.6#



#20
 cis-1,2-Dichloroethene
 Concen: 13.273 ug/L
 RT: 3.899 min Scan# 889
 Delta R.T. 0.006 min
 Lab File: VV029994.D
 Acq: 30 Jan 2023 16:13

Tgt Ion: 96 Resp: 50729
 Ion Ratio Lower Upper
 96 100
 61 124.7 82.5 153.3
 68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 0.905 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VV029994.D

Acq: 30 Jan 2023 16:13

Instrument :

MSVOA_V

ClientSampleId :

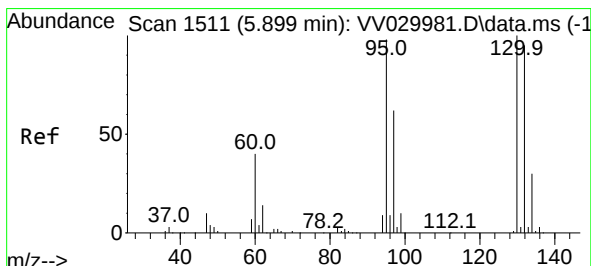
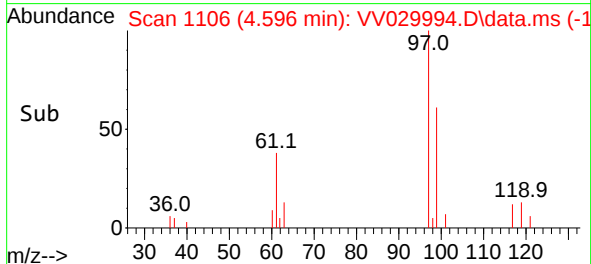
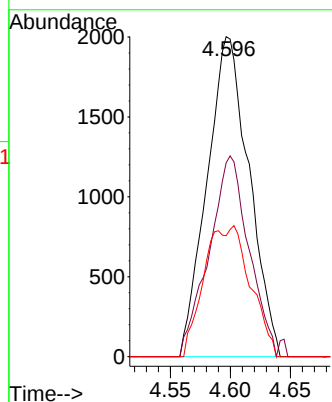
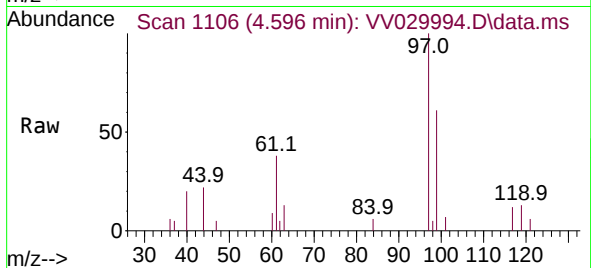
Tgt Ion: 97 Resp: 4879

Ion Ratio Lower Upper

97 100

99 59.3 51.9 77.9

61 23.2 32.2 48.2#



#34

Trichloroethene

Concen: 11.290 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. 0.006 min

Lab File: VV029994.D

Acq: 30 Jan 2023 16:13

Tgt Ion: 95 Resp: 39635

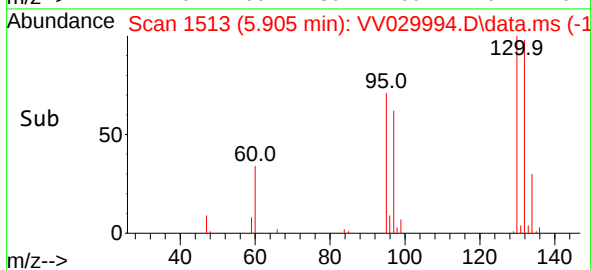
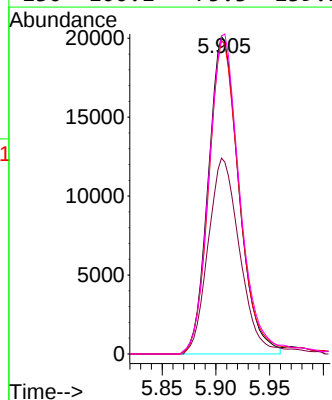
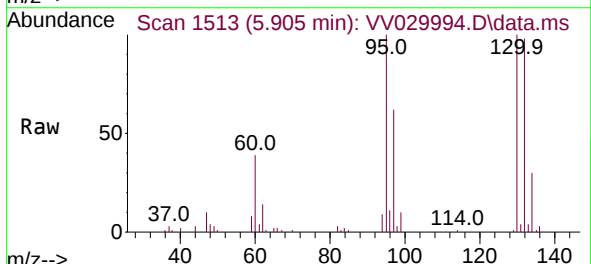
Ion Ratio Lower Upper

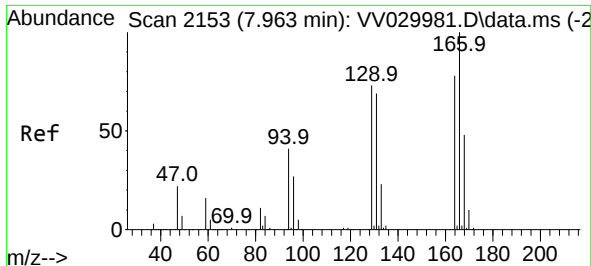
95 100

97 61.7 46.5 86.5

132 98.6 71.8 133.4

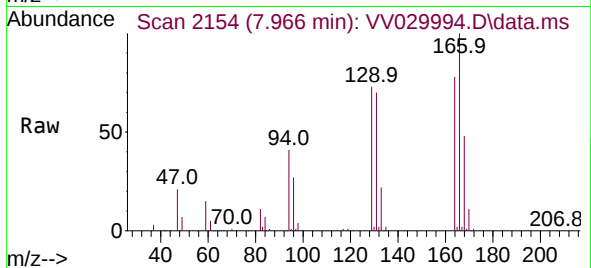
130 100.1 75.3 139.9



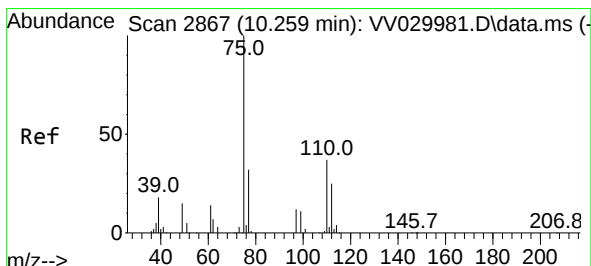
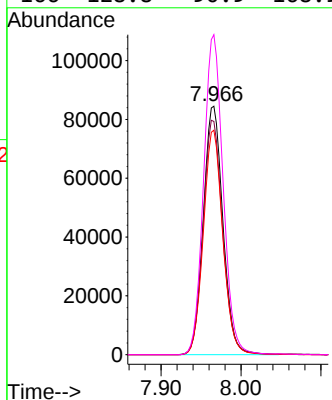
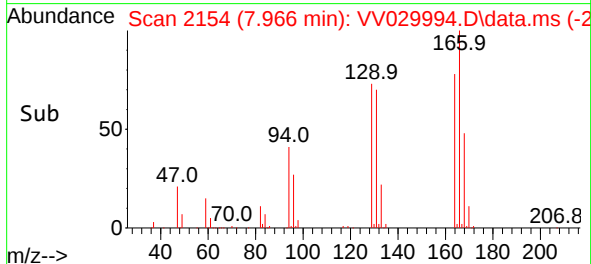


#46
Tetrachloroethene
Concen: 49.903 ug/L
RT: 7.966 min Scan# 2153
Delta R.T. 0.003 min
Lab File: VV029994.D
Acq: 30 Jan 2023 16:13

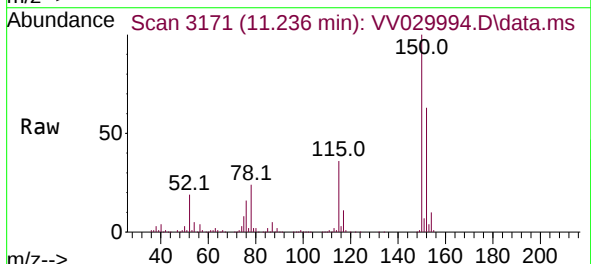
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 144516
Ion Ratio Lower Upper
164 100
129 93.9 64.6 120.0
131 90.4 61.8 114.8
166 128.8 90.9 168.9



#61
1,2,3-Trichloropropane
Concen: 7.645 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.977 min
Lab File: VV029994.D
Acq: 30 Jan 2023 16:13



Tgt Ion: 75 Resp: 30526
Ion Ratio Lower Upper
75 100
77 28.6 25.9 38.9
110 2.6 32.3 48.5#

