

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021224\
 Data File : VW034139.D
 Acq On : 12 Feb 2024 14:57
 Operator : SY/MD
 Sample : P1455-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

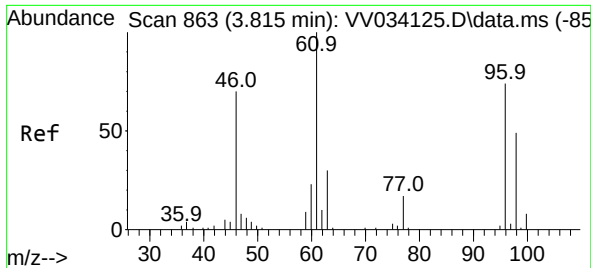
Quant Time: Feb 13 00:47:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 13 00:43:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	74599	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	72105	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37399	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23133	4.004	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.000%	
7) Chloroethane-d5	1.532	69	20342	4.020	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.400%	
11) 1,1-Dichloroethene-d2	2.059	65	11544	4.143	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.800%	
20) 2-Butanone-d5	3.799	46	41798	43.077	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	86.160%	
24) Chloroform-d	4.252	84	44912	4.278	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
26) 1,2-Dichloroethane-d4	4.950	65	23118	4.712	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
32) Benzene-d6	4.963	84	87261	4.034	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.600%	
36) 1,2-Dichloropropane-d6	5.992	67	23334	3.859	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	77.200%	
41) Toluene-d8	7.246	98	80714	4.060	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.200%	
43) trans-1,3-Dichloroprop...	7.561	79	9108	3.989	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.800%	
46) 2-Hexanone-d5	8.027	63	33333	40.893	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.780%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	15618	4.260	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.200%	
66) 1,2-Dichlorobenzene-d4	11.561	152	29427	4.326	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.600%	
Target Compounds						
22) cis-1,2-Dichloroethene	3.821	96	2094	0.348	ug/L	96
25) Chloroform	4.284	83	3718	0.377	ug/L	96
31) Carbon tetrachloride	4.741	117	7824	0.924	ug/L	96
34) Trichloroethene	5.834	95	25393	4.057	ug/L	98
35) Methylcyclohexane	5.995	83	5961	0.607	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3257	0.622	ug/L #	87
47) Tetrachloroethene	7.905	164	19882	3.909	ug/L	94
49) Dibromochloromethane	7.908	129	18541	4.823	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	4259	1.656	ug/L #	62

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

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Response via : Initial Calibration

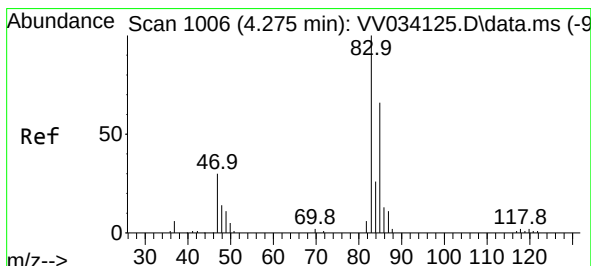
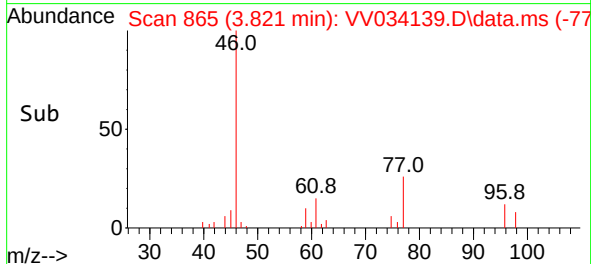
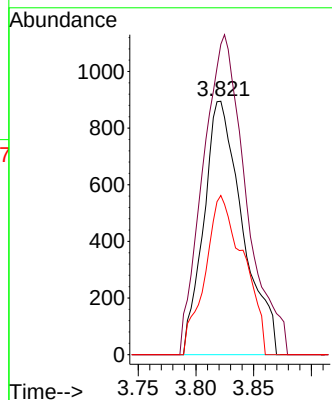
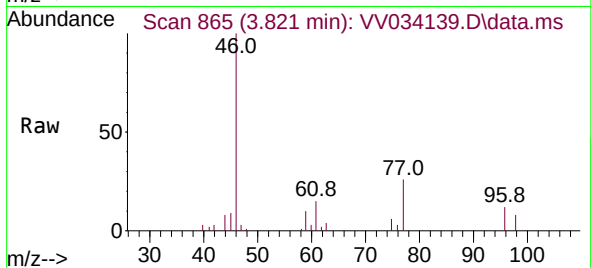




#22
 cis-1,2-Dichloroethene
 Concen: 0.348 ug/L
 RT: 3.821 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VV034139.D
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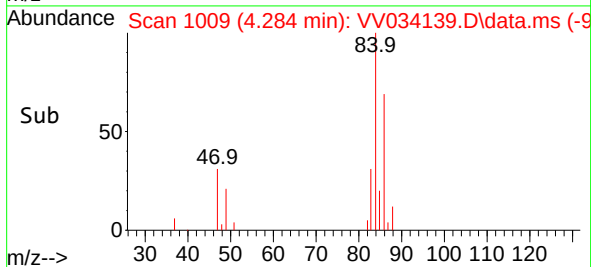
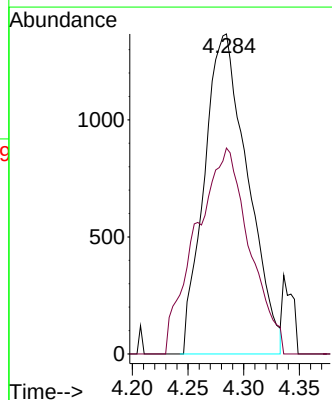
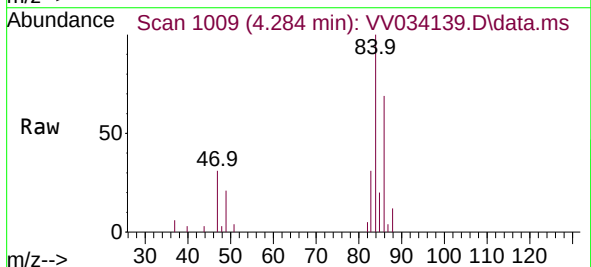
Instrument :
 MSVOA_V
 ClientSampleId :

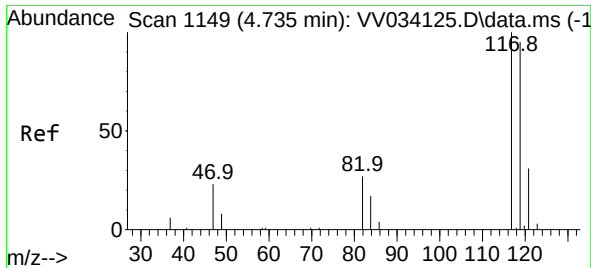
Tgt Ion: 96 Resp: 2094
 Ion Ratio Lower Upper
 96 100
 61 122.5 90.3 167.7
 98 62.8 43.2 80.2



#25
 Chloroform
 Concen: 0.377 ug/L
 RT: 4.284 min Scan# 1009
 Delta R.T. 0.010 min
 Lab File: VV034139.D
 Acq: 12 Feb 2024 14:57

Tgt Ion: 83 Resp: 3718
 Ion Ratio Lower Upper
 83 100
 85 64.4 47.5 88.1

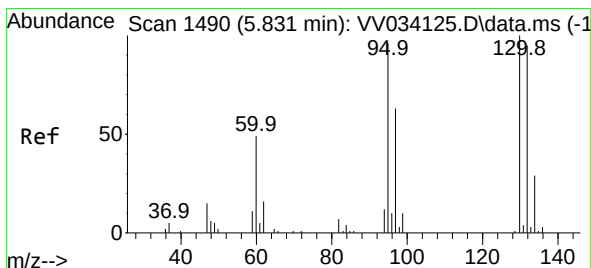
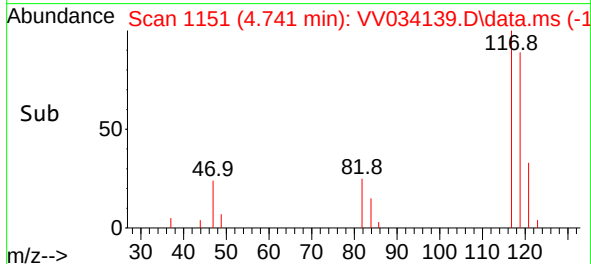
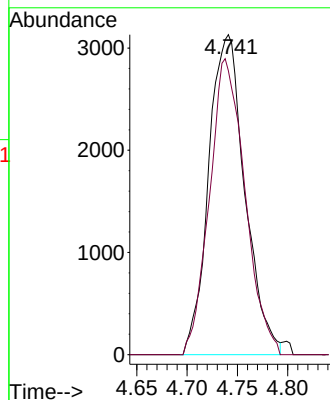
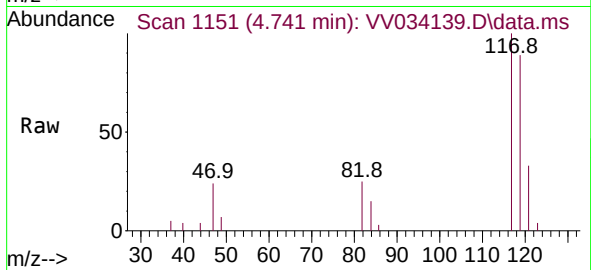




#31
Carbon tetrachloride
Concen: 0.924 ug/L
RT: 4.741 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VV034139.D
Acq: 12 Feb 2024 14:57

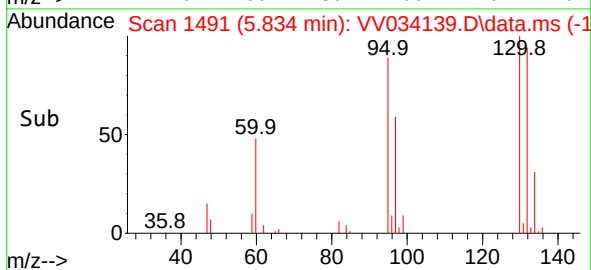
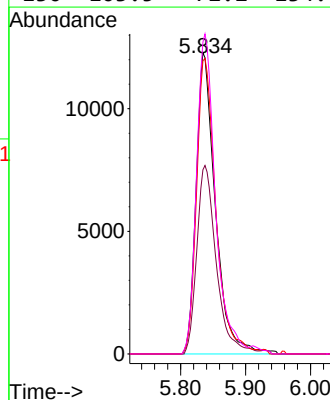
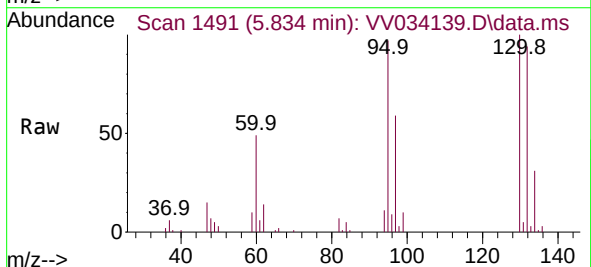
Instrument :
MSVOA_V
ClientSampleId :

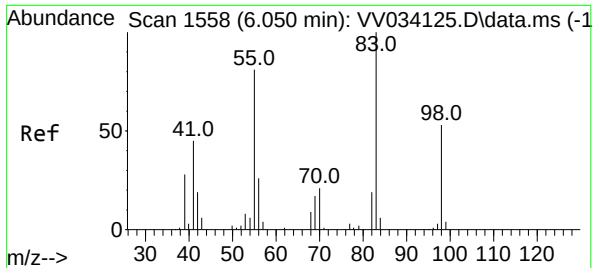
Tgt Ion:117 Resp: 7824
Ion Ratio Lower Upper
117 100
119 90.9 76.1 114.1



#34
Trichloroethene
Concen: 4.057 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV034139.D
Acq: 12 Feb 2024 14:57

Tgt Ion: 95 Resp: 25393
Ion Ratio Lower Upper
95 100
97 61.1 45.1 83.7
132 97.3 66.0 122.6
130 103.5 72.2 134.0

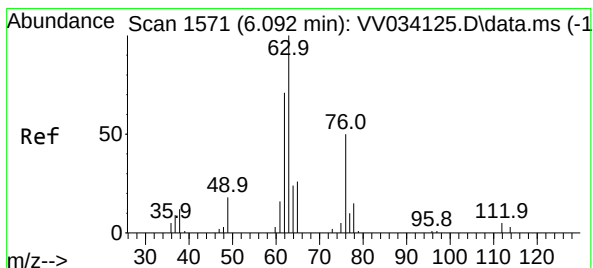
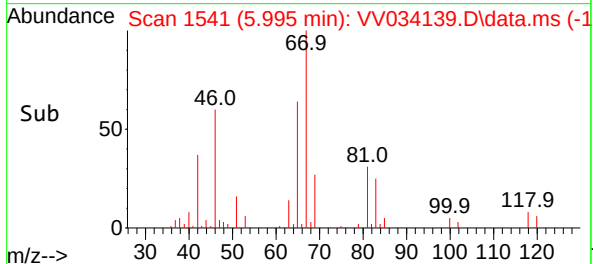
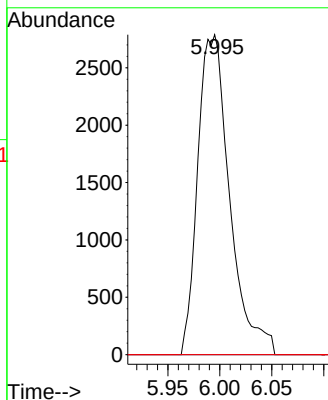
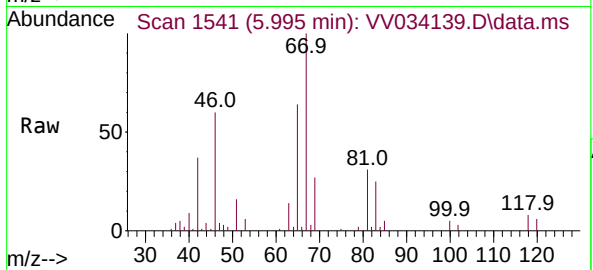




#35
Methylcyclohexane
Concen: 0.607 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.055 min
Lab File: VV034139.D
Acq: 12 Feb 2024 14:57

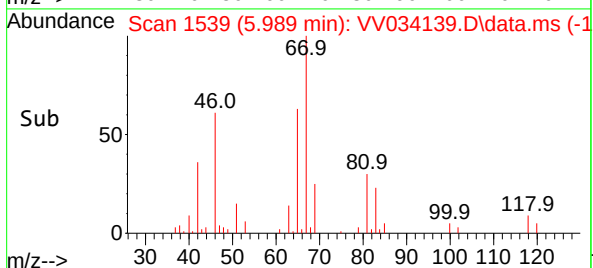
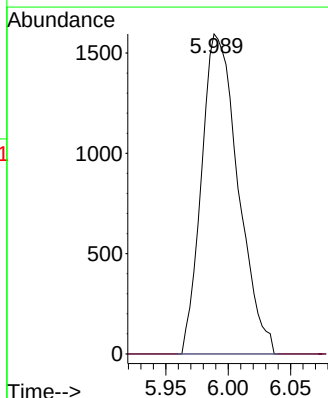
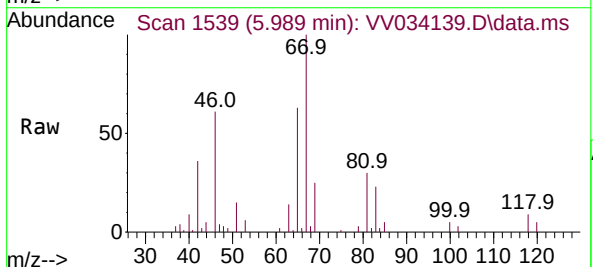
Instrument :
MSVOA_V
ClientSampleId :

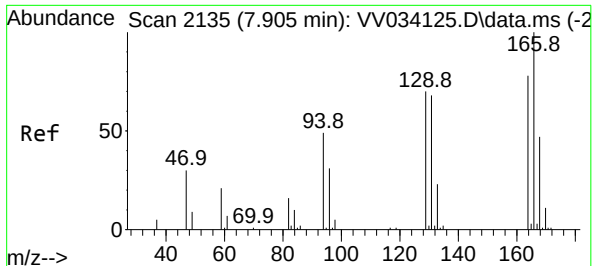
Tgt Ion	83	Resp	5961
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.5	95.3#
98	0.0	39.0	58.4#



#37
1,2-Dichloropropane
Concen: 0.622 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.103 min
Lab File: VV034139.D
Acq: 12 Feb 2024 14:57

Tgt Ion	63	Resp	3257
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#





#47

Tetrachloroethene

Concen: 3.909 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

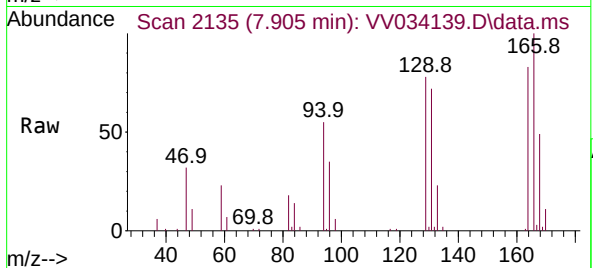
Lab File: VV034139.D

Acq: 12 Feb 2024 14:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 19882

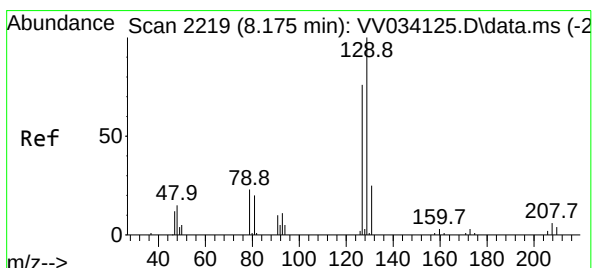
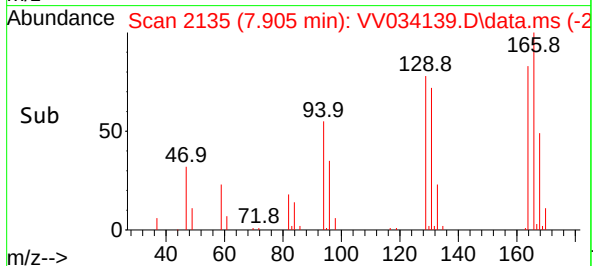
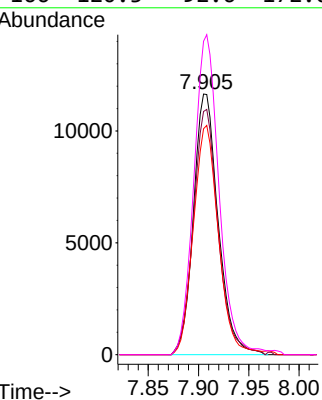
Ion Ratio Lower Upper

164 100

129 93.4 67.8 125.8

131 86.7 63.0 117.0

166 120.3 92.6 172.0



#49

Dibromochloromethane

Concen: 4.823 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.267 min

Lab File: VV034139.D

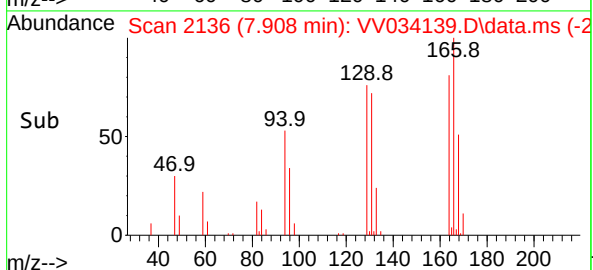
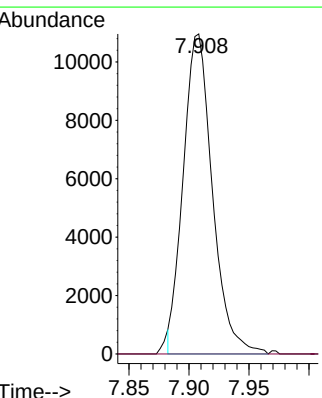
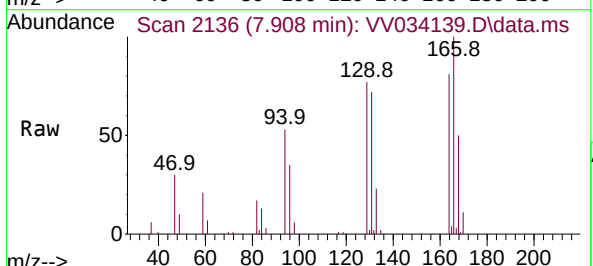
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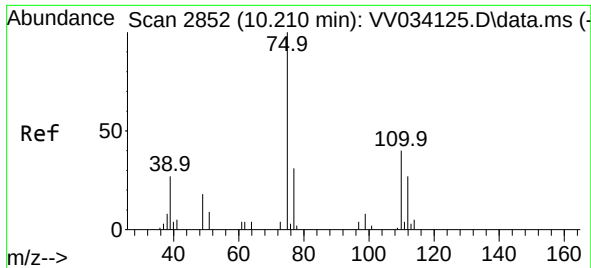
Tgt Ion:129 Resp: 18541

Ion Ratio Lower Upper

129 100

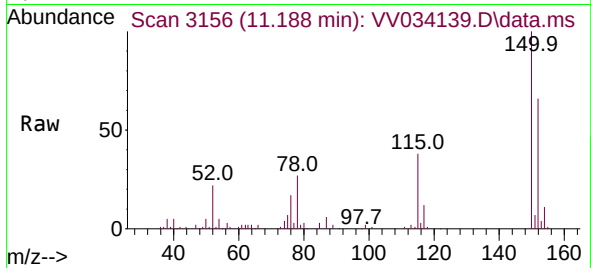
127 0.0 53.5 99.5#





#61
1,2,3-Trichloropropane
Concen: 1.656 ug/L
RT: 11.188 min Scan# 31
Delta R.T. 0.977 min
Lab File: VV034139.D
Acq: 12 Feb 2024 14:57

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	35.9	26.9	40.3
110	0.0	33.3	49.9#

