

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120823\
 Data File : VW033181.D
 Acq On : 08 Dec 2023 11:36
 Operator : SY/MD
 Sample : 05673-01DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 08 21:59:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

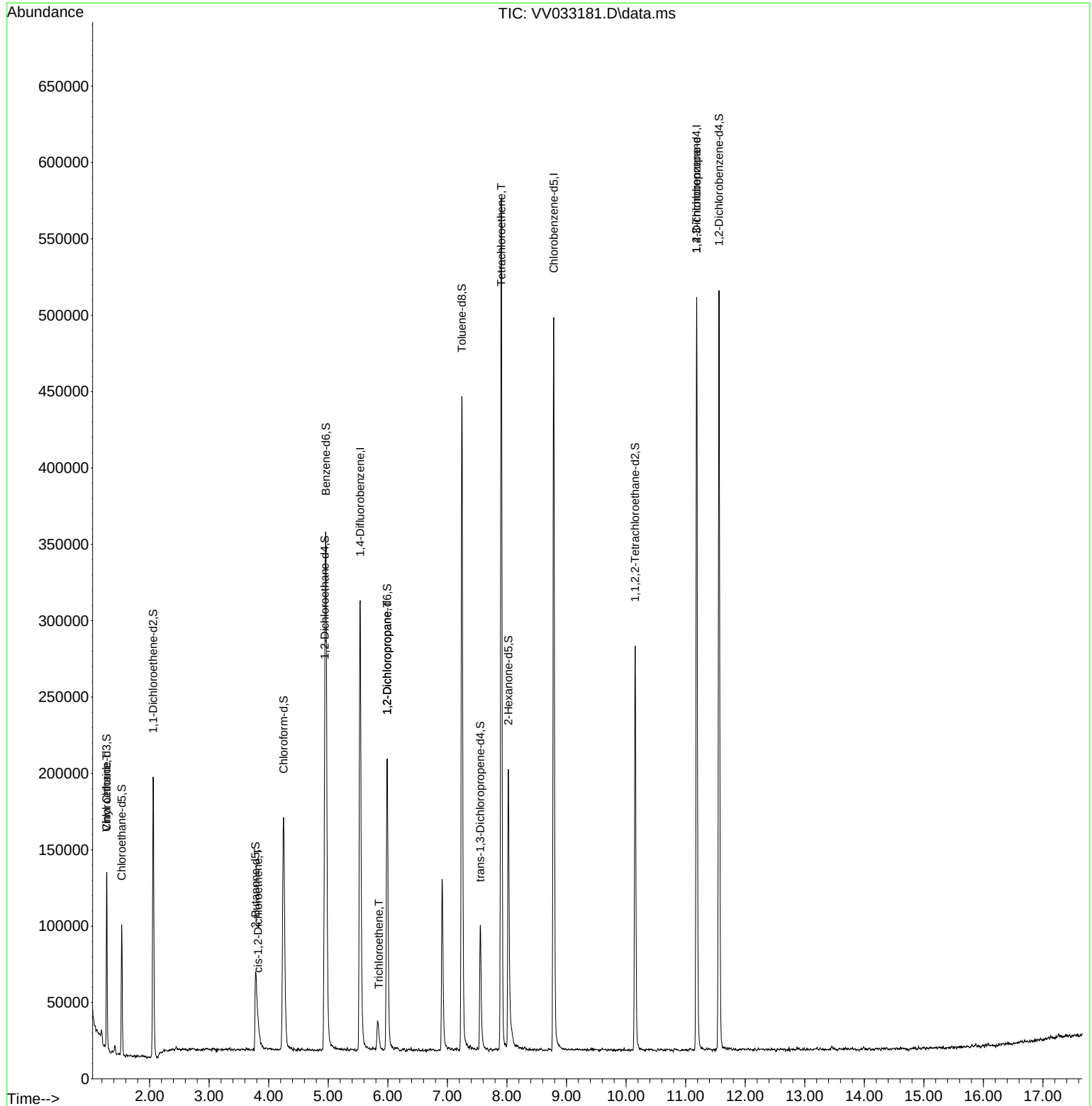
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	274934	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	278959	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	139865	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	71962	43.784	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.560%
7) Chloroethane-d5	1.532	69	54645	47.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.440%
11) 1,1-Dichloroethene-d2	2.060	65	28947	46.297	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.600%
21) 2-Butanone-d5	3.780	46	72524	88.842	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.840%
24) Chloroform-d	4.249	84	164869	47.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.540%
26) 1,2-Dichloroethane-d4	4.941	65	109510	50.499	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.000%
32) Benzene-d6	4.960	84	317444	48.656	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.320%
36) 1,2-Dichloropropane-d6	5.989	67	83778	47.758	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.520%
41) Toluene-d8	7.243	98	291760	46.879	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.760%
43) trans-1,3-Dichloroprop...	7.551	79	50277	45.325	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.640%
47) 2-Hexanone-d5	8.024	63	62185	88.240	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.240%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	113466	45.502	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	135664	54.516	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.040%
Target Compounds						
8) Chloroethane	1.278	64	1019	1.007	ug/L #	1
20) cis-1,2-Dichloroethene	3.822	96	4993	2.600	ug/L	93
34) Trichloroethene	5.850	95	2976	1.409	ug/L	94
37) 1,2-Dichloropropane	5.989	63	10965	6.702	ug/L #	83
46) Tetrachloroethene	7.905	164	124104	68.359	ug/L	97
61) 1,2,3-Trichloropropane	11.185	75	12122	6.951	ug/L #	56

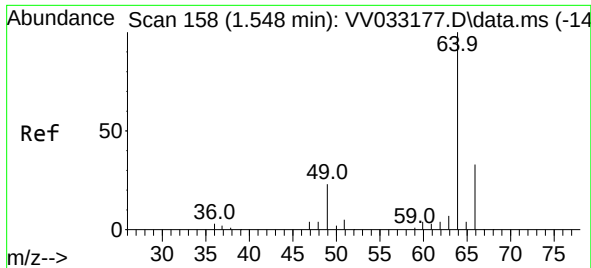
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.007 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.270 min MSVOA_V

Lab File: VV033181.D

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Instrument :

MSVOA_V

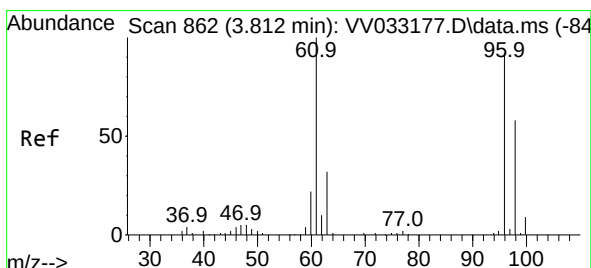
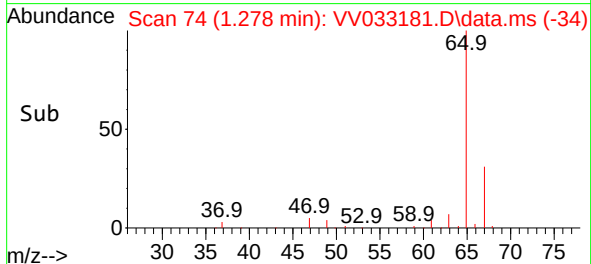
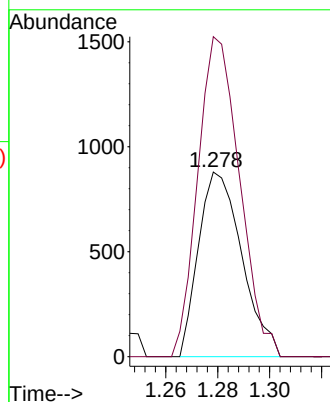
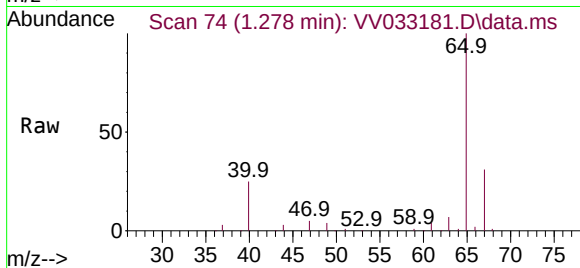
ClientSampleId :

Tgt Ion: 64 Resp: 1019

Ion Ratio Lower Upper

64 100

66 173.4 22.3 41.5#



#20

cis-1,2-Dichloroethene

Concen: 2.600 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.010 min

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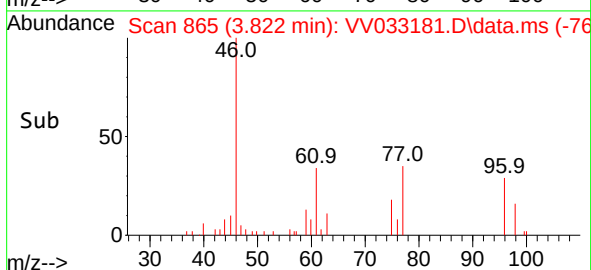
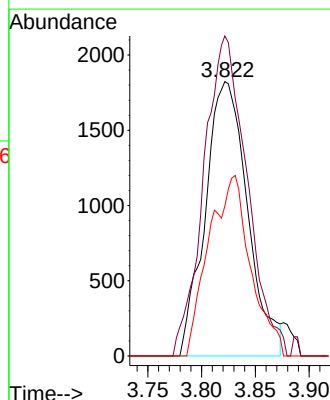
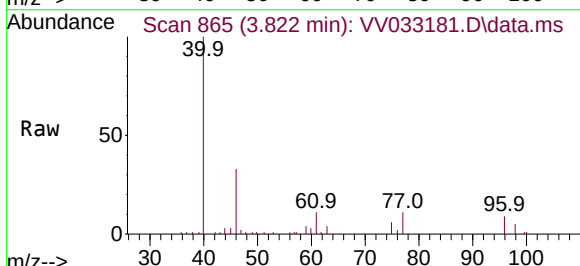
Tgt Ion: 96 Resp: 4993

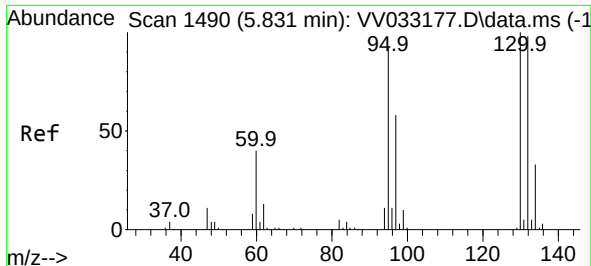
Ion Ratio Lower Upper

96 100

61 116.6 79.1 146.9

98 54.6 45.1 83.7



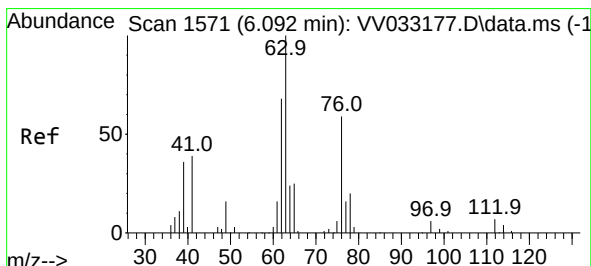
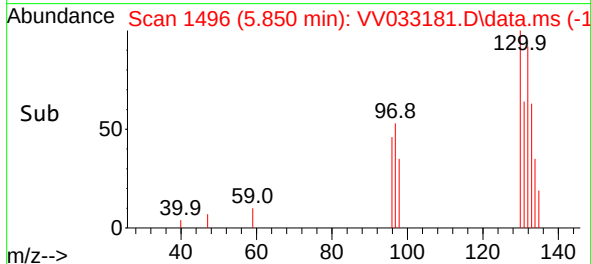
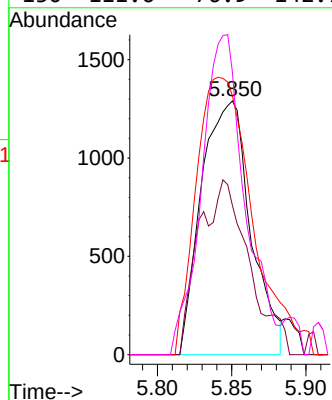
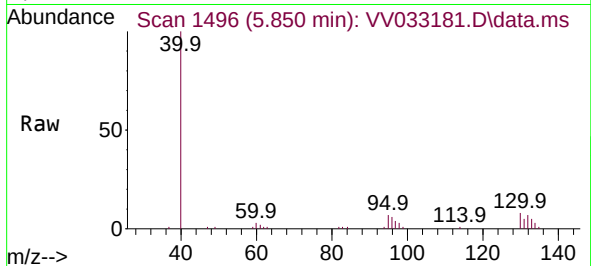


#34
Trichloroethene
Concen: 1.409 ug/L
RT: 5.850 min Scan# 1496
Delta R.T. 0.019 min
Lab File: VV033181.D
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Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 2976

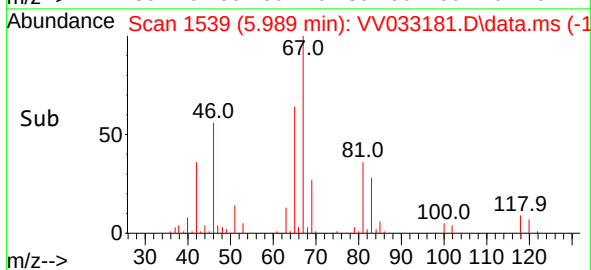
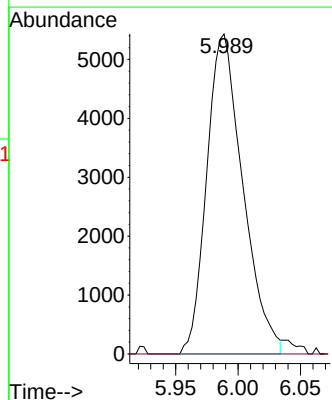
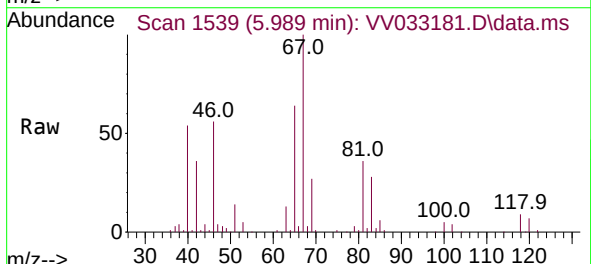
Ion	Ratio	Lower	Upper
95	100		
97	58.9	45.8	85.0
132	102.1	77.4	143.8
130	111.6	76.9	142.7

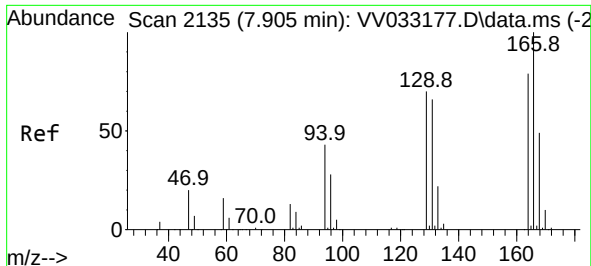


#37
1,2-Dichloropropane
Concen: 6.702 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.103 min
Lab File: VV033181.D
Acq: 08 Dec 2023 11:36

Tgt Ion: 63 Resp: 10965

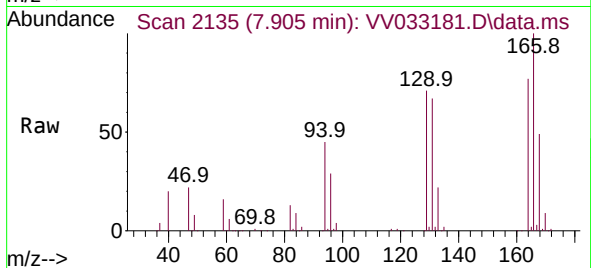
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.6	6.8#



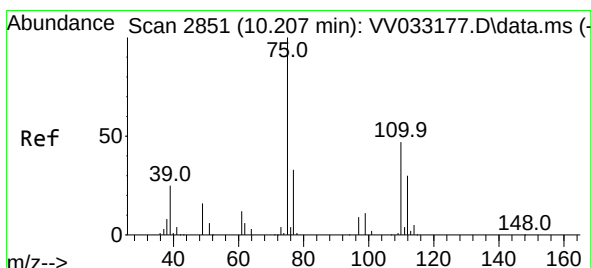
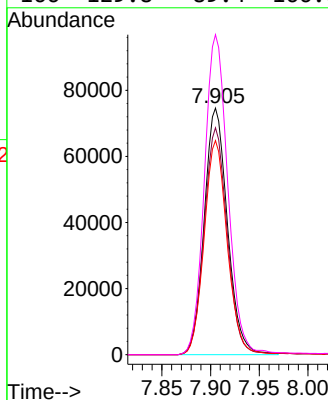
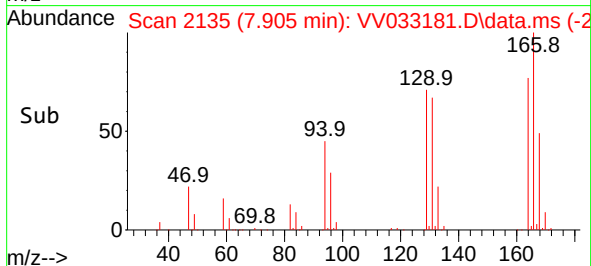


#46
Tetrachloroethene
Concen: 68.359 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV033181.D
Acq: 08 Dec 2023 11:36

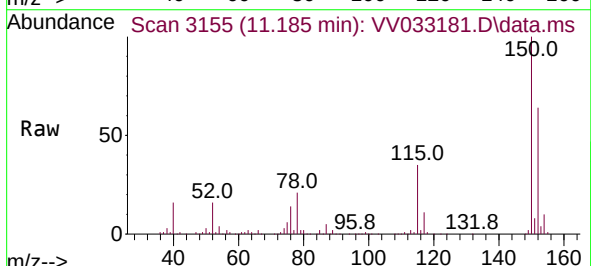
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MSVOA_V
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Tgt Ion:164 Resp: 124104
Ion Ratio Lower Upper
164 100
129 92.0 65.6 121.8
131 86.8 64.7 120.1
166 129.8 89.4 166.0



#61
1,2,3-Trichloropropane
Concen: 6.951 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV033181.D
Acq: 08 Dec 2023 11:36



Tgt Ion: 75 Resp: 12122
Ion Ratio Lower Upper
75 100
77 41.6 27.0 40.6#
110 3.9 38.1 57.1#

