

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120723\
 Data File : VU056681.D
 Acq On : 07 Dec 2023 14:51
 Operator : MD/SY
 Sample : 05627-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

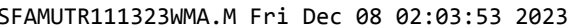
Quant Time: Dec 08 02:03:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 07 04:51:32 2023
 Response via : Initial Calibration

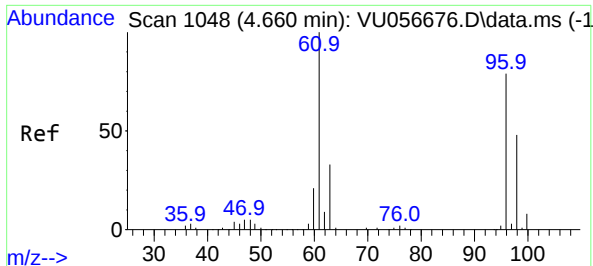
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	225493	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	233072	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	110557	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53990	3.201	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.000%
7) Chloroethane-d5	1.907	69	51879	4.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.560	65	26116	3.509	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	4.615	46	181937	54.098	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.200%
24) Chloroform-d	5.055	84	147143	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.695	65	72322	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.721	84	254575	3.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
36) 1,2-Dichloropropane-d6	6.685	67	86201	4.119	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.894	98	216233	3.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	8.177	79	30730	3.828	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.627	63	135700	43.020	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.040%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	68205	4.561	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	81193	3.975	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.600%#
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.660	96	5997	0.372	ug/L	92
25) Chloroform	5.081	83	66282	2.175	ug/L	100
34) Trichloroethene	6.537	95	8524564	470.460	ug/L	97
35) Methylcyclohexane	6.685	83	20396	0.780	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	9987	0.576	ug/L #	89
38) Bromodichloromethane	7.100	83	5687	0.254	ug/L	98
47) Tetrachloroethene	8.550	164	16832	1.378	ug/L	96
48) 2-Hexanone	8.675	43	5117	0.764	ug/L #	35
61) 1,2,3-Trichloropropane	11.807	75	13101	1.381	ug/L #	68

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

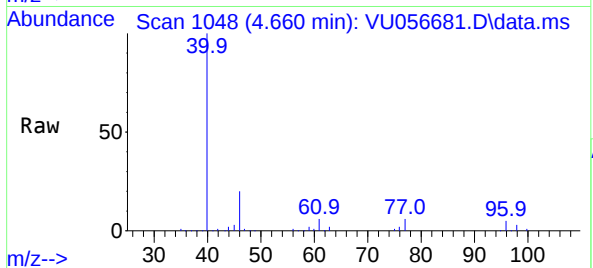
Quant Time: Dec 08 02:03:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 07 04:51:32 2023
Response via : Initial Calibration



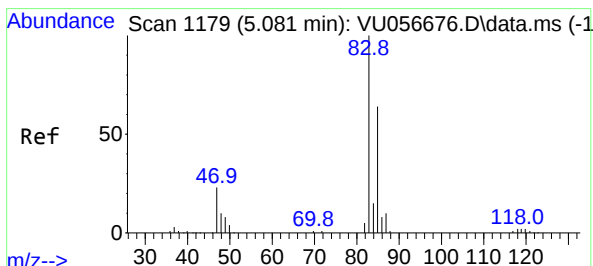
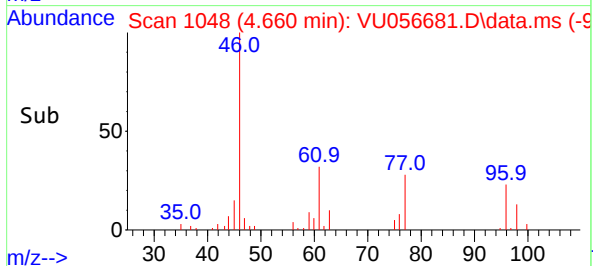
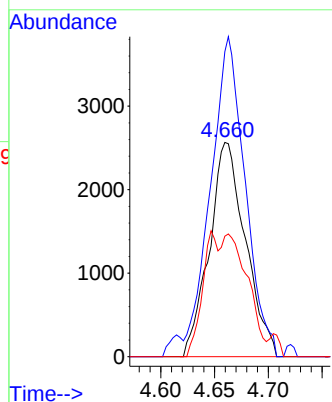


#22
cis-1,2-Dichloroethene
Concen: 0.372 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU056681.D
Acq: 07 Dec 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :

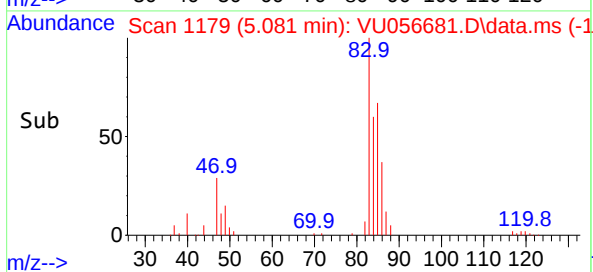
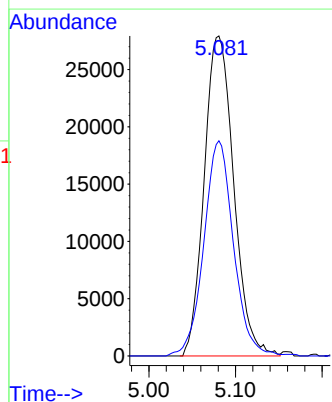
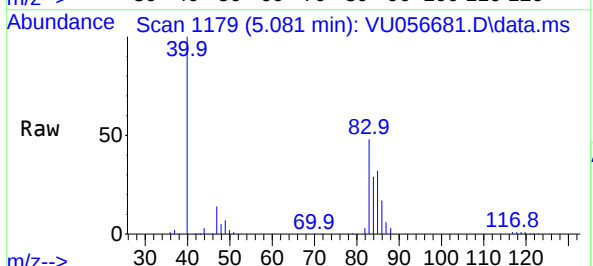


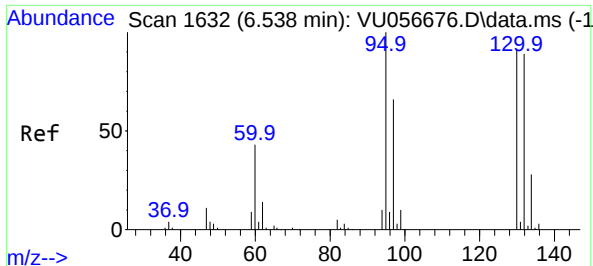
Tgt Ion: 96 Resp: 5997
Ion Ratio Lower Upper
96 100
61 142.3 93.2 173.2
98 56.2 44.8 83.2



#25
Chloroform
Concen: 2.175 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU056681.D
Acq: 07 Dec 2023 14:51

Tgt Ion: 83 Resp: 66282
Ion Ratio Lower Upper
83 100
85 67.2 47.0 87.2





#34

Trichloroethene

Concen: 470.460 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056681.D

Acq: 07 Dec 2023 14:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 8524564

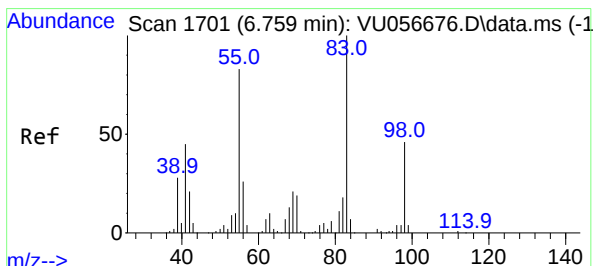
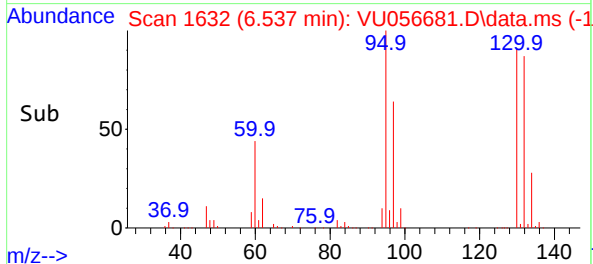
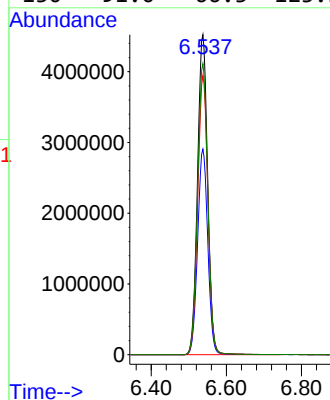
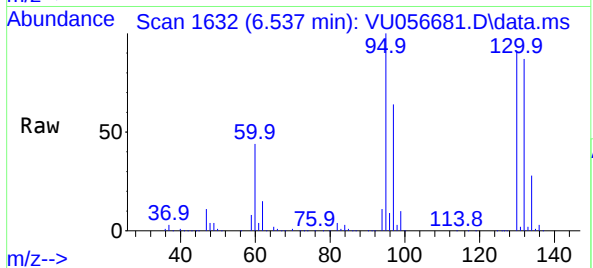
Ion Ratio Lower Upper

95 100

97 64.2 46.5 86.3

132 87.2 62.0 115.2

130 91.0 66.3 123.1



#35

Methylcyclohexane

Concen: 0.780 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056681.D

Acq: 07 Dec 2023 14:51

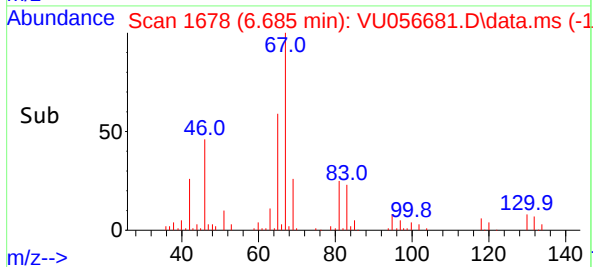
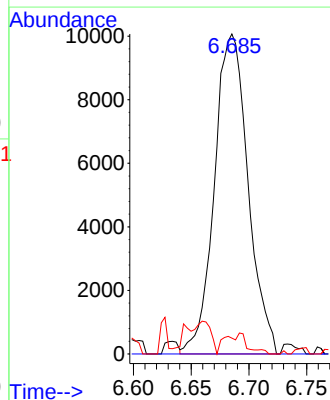
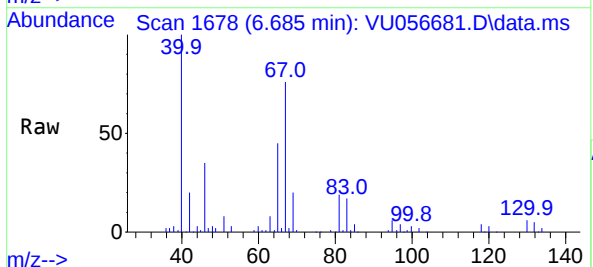
Tgt Ion: 83 Resp: 20396

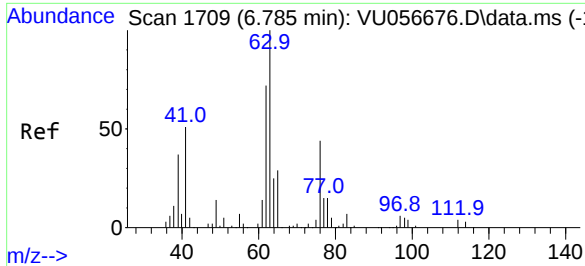
Ion Ratio Lower Upper

83 100

55 0.0 62.9 94.3#

98 0.0 35.3 52.9#

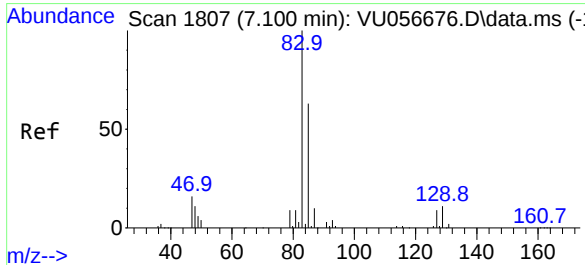
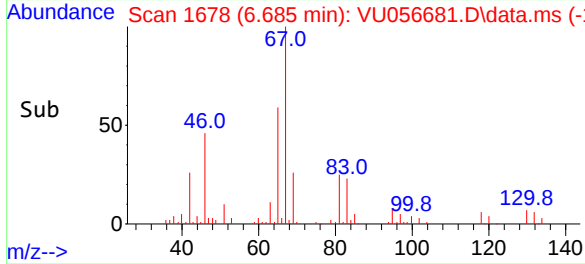
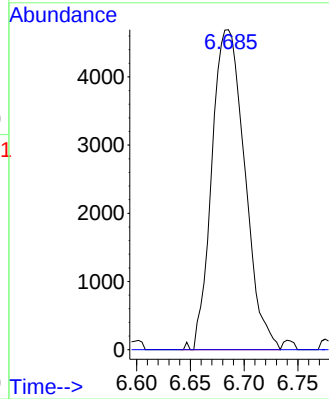
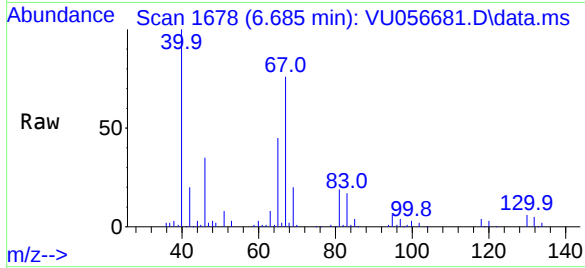




#37
1,2-Dichloropropane
Concen: 0.576 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056681.D
Acq: 07 Dec 2023 14:51

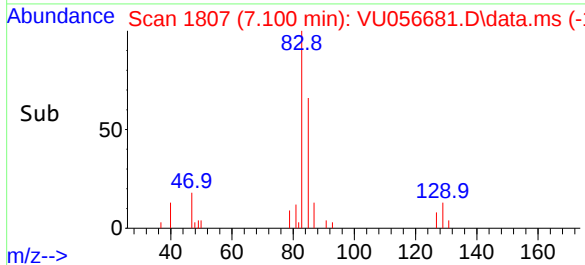
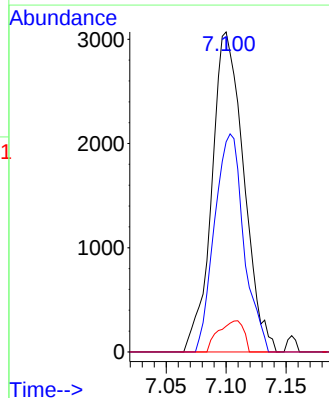
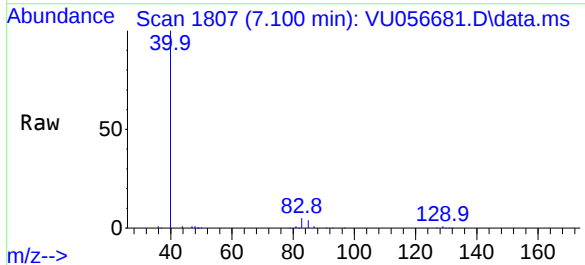
Instrument :
MSVOA_U
ClientSampleId :

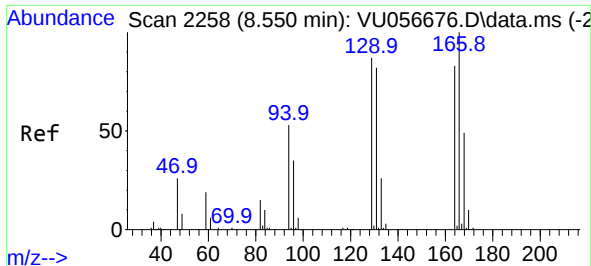
Tgt Ion: 63 Resp: 9987
Ion Ratio Lower Upper
63 100
112 0.2 3.2 4.8#



#38
Bromodichloromethane
Concen: 0.254 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU056681.D
Acq: 07 Dec 2023 14:51

Tgt Ion: 83 Resp: 5687
Ion Ratio Lower Upper
83 100
85 65.6 44.9 83.5
127 8.1 6.9 10.3





#47

Tetrachloroethene

Concen: 1.378 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

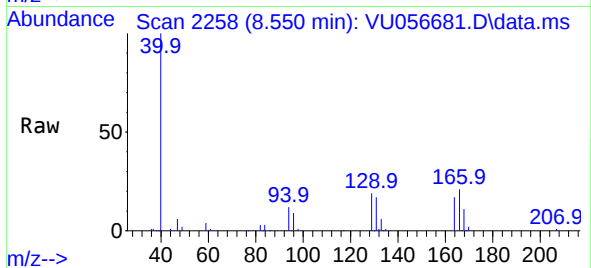
Lab File: VU056681.D

Acq: 07 Dec 2023 14:51

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 16832

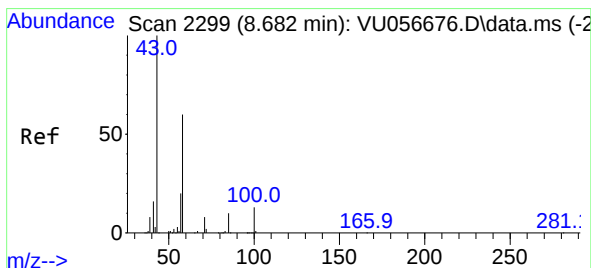
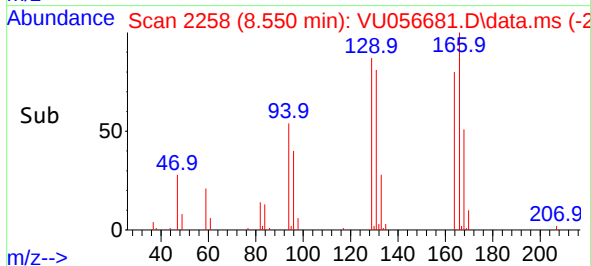
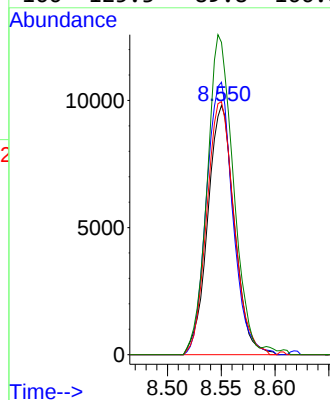
Ion Ratio Lower Upper

164 100

129 109.3 71.0 131.9

131 101.5 70.3 130.7

166 125.3 89.8 166.8



#48

2-Hexanone

Concen: 0.764 ug/L

RT: 8.675 min Scan# 2297

Delta R.T. -0.003 min

Lab File: VU056681.D

Acq: 07 Dec 2023 14:51

Tgt Ion: 43 Resp: 5117

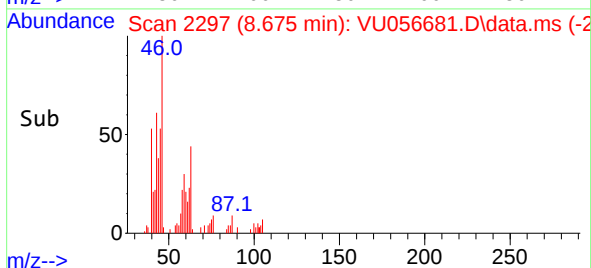
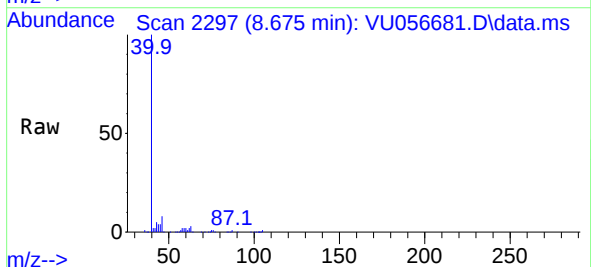
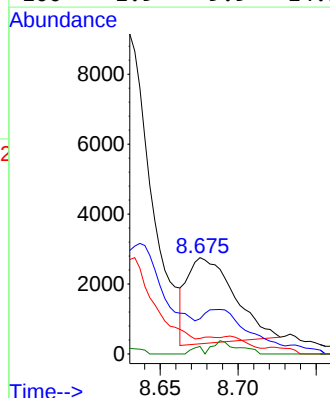
Ion Ratio Lower Upper

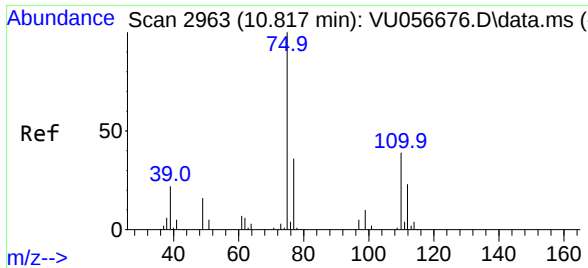
43 100

58 0.0 48.7 73.1#

57 0.0 16.8 25.2#

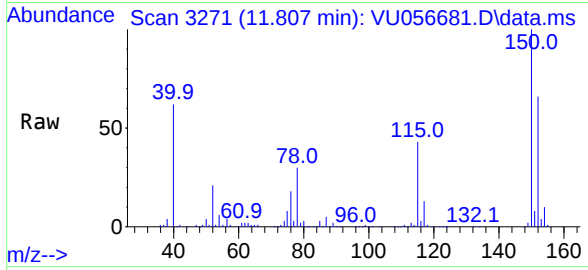
100 1.9 9.9 14.9#





#61
1,2,3-Trichloropropane
Concen: 1.381 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056681.D
Acq: 07 Dec 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 13101
Ion Ratio Lower Upper
75 100
110 2.4 30.4 45.6#
77 35.0 27.0 40.6

