

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
 Data File : VU056449.D
 Acq On : 17 Nov 2023 18:07
 Operator : MD/SY
 Sample : 05441-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

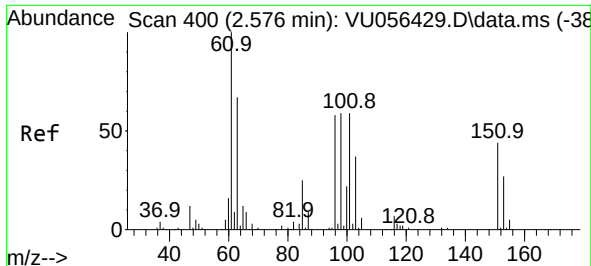
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 23:23:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 23:14:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	275221	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	281358	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	116093	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	66602	3.235	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.800%
7) Chloroethane-d5	1.907	69	69348	4.394	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.563	65	33161	3.650	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	4.615	46	213748	52.073	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.140%
24) Chloroform-d	5.055	84	178497	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.695	65	96902	5.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.721	84	348240	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.685	67	106033	4.197	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.894	98	269277	3.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	8.177	79	38697	3.994	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.627	63	187213	49.166	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.340%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	83058	4.601	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	105783	4.932	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	3130	0.186	ug/L #	1
19) 1,1-Dichloroethane	3.859	63	243672	7.096	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	4547	0.231	ug/L	84
29) 1,1,1-Trichloroethane	5.312	97	14378	0.445	ug/L	96
34) Trichloroethene	6.537	95	114318	5.226	ug/L	98
35) Methylcyclohexane	6.682	83	25833	0.818	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	12015	0.574	ug/L #	88
48) 2-Hexanone	8.692	43	7693	0.952	ug/L #	82
61) 1,2,3-Trichloropropane	11.807	75	14107	1.416	ug/L #	67

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



#12

1,1-Dichloroethene

Concen: 0.186 ug/L

RT: 2.573 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU056449.D

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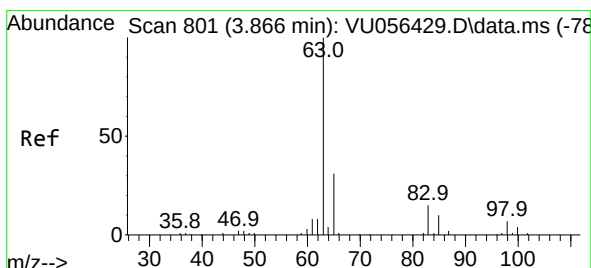
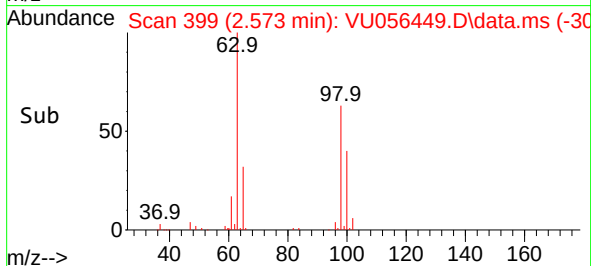
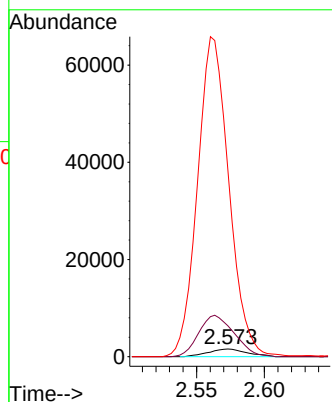
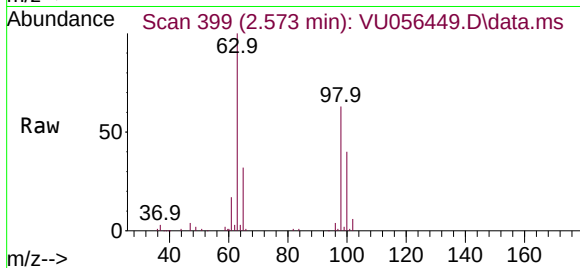
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 3130

Ion	Ratio	Lower	Upper
96	100		
61	404.6	123.1	228.7#
63	2439.1	93.3	173.3#



#19

1,1-Dichloroethane

Concen: 7.096 ug/L

RT: 3.859 min Scan# 799

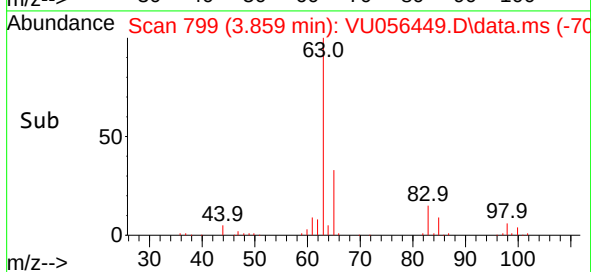
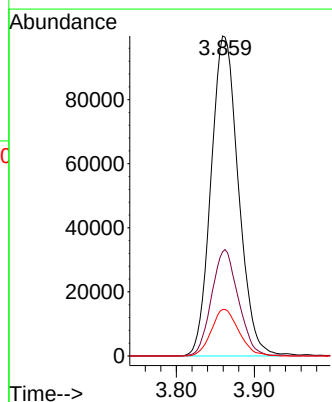
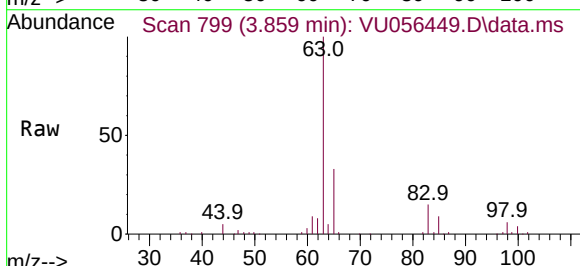
Delta R.T. -0.007 min

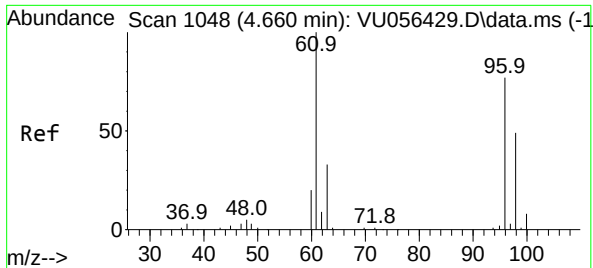
Lab File: VU056449.D

Acq: 17 Nov 2023 18:07

Tgt Ion: 63 Resp: 243672

Ion	Ratio	Lower	Upper
63	100		
65	32.6	21.8	40.6
83	14.5	9.7	17.9

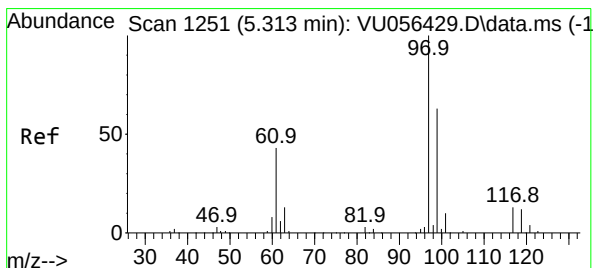
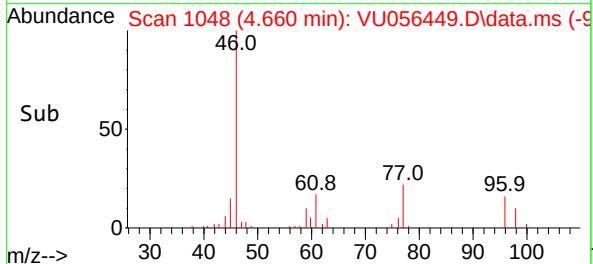
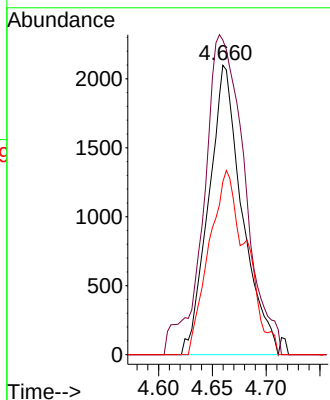
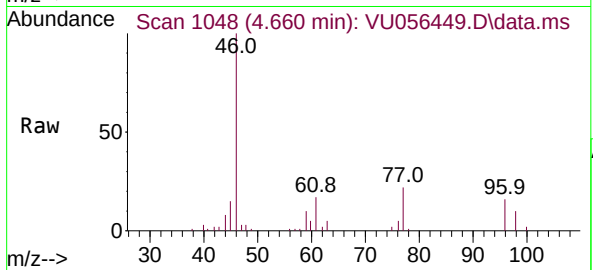




#22
 cis-1,2-Dichloroethene
 Concen: 0.231 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056449.D
 Acq: 17 Nov 2023 18:07

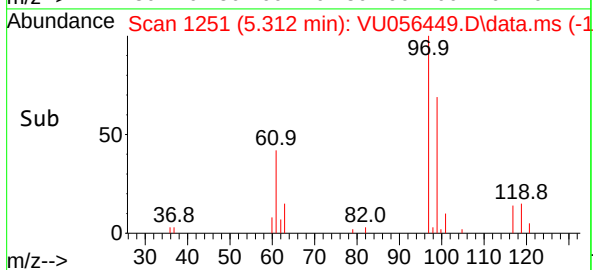
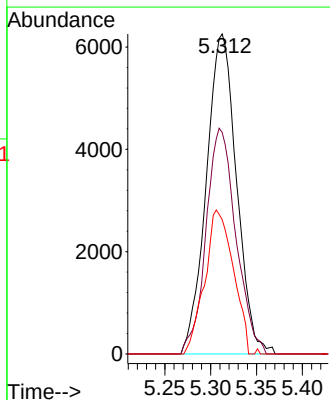
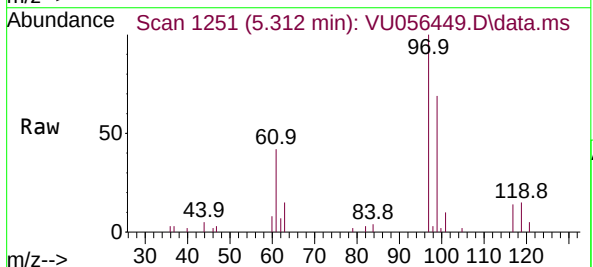
Instrument :
 MSVOA_U
 ClientSampleId :

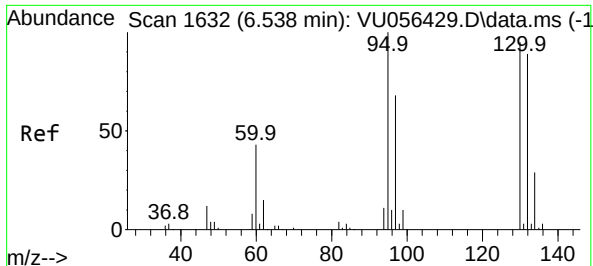
Tgt Ion: 96 Resp: 4547
 Ion Ratio Lower Upper
 96 100
 61 108.7 93.2 173.2
 98 59.8 44.8 83.2



#29
 1,1,1-Trichloroethane
 Concen: 0.445 ug/L
 RT: 5.312 min Scan# 1251
 Delta R.T. -0.000 min
 Lab File: VU056449.D
 Acq: 17 Nov 2023 18:07

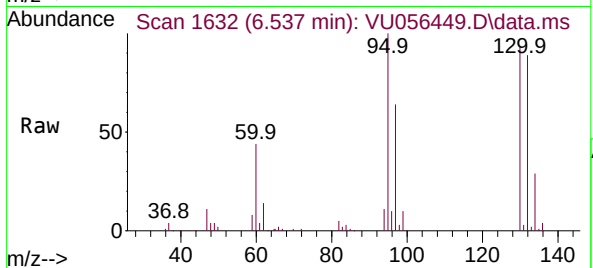
Tgt Ion: 97 Resp: 14378
 Ion Ratio Lower Upper
 97 100
 99 69.6 51.6 77.4
 61 42.3 34.3 51.5





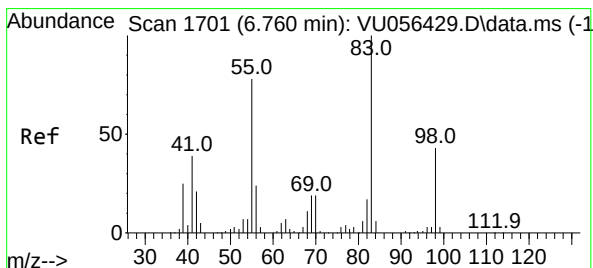
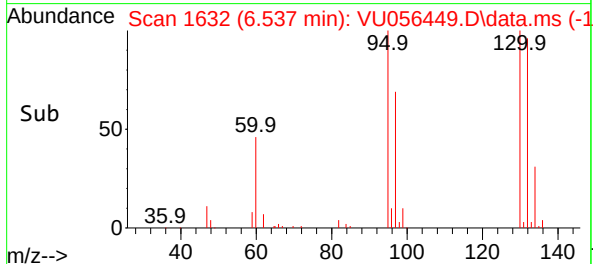
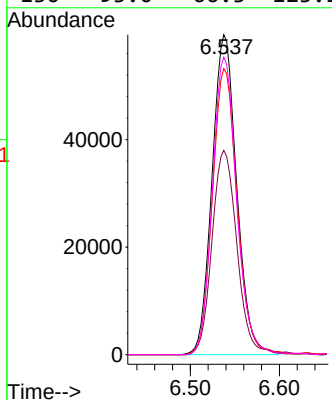
#34
Trichloroethene
Concen: 5.226 ug/L
RT: 6.537 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VU056449.D
Acq: 17 Nov 2023 18:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 114318

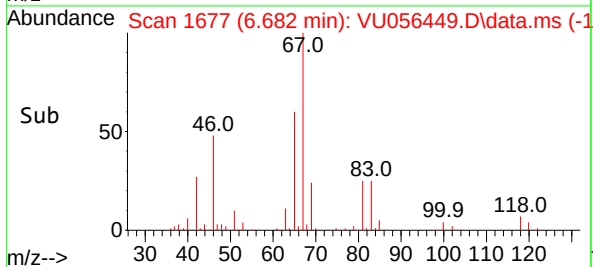
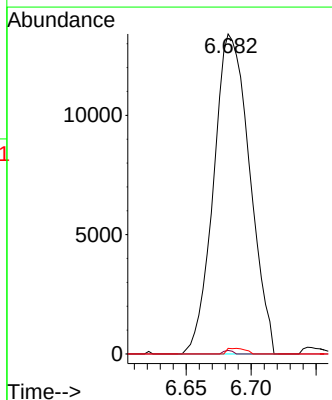
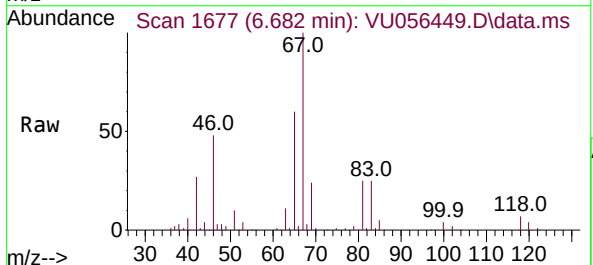
Ion	Ratio	Lower	Upper
95	100		
97	63.9	46.5	86.3
132	89.4	62.0	115.2
130	93.0	66.3	123.1

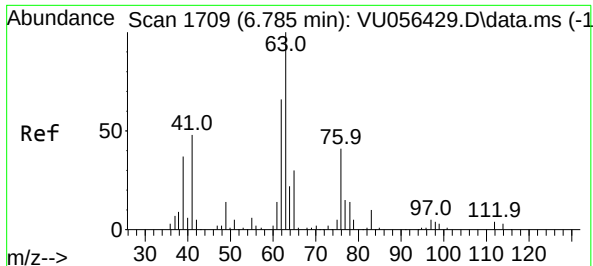


#35
Methylcyclohexane
Concen: 0.818 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056449.D
Acq: 17 Nov 2023 18:07

Tgt Ion: 83 Resp: 25833

Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.9	94.3#
98	0.9	35.3	52.9#





#37

1,2-Dichloropropane

Concen: 0.574 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU056449.D

Acq: 17 Nov 2023 18:07

Instrument :

MSVOA_U

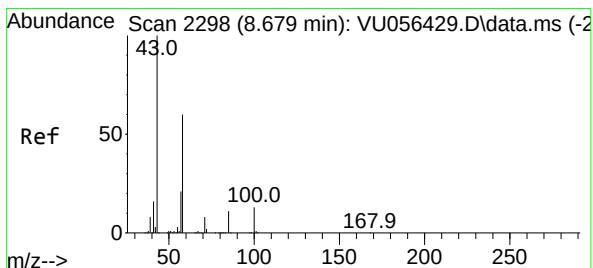
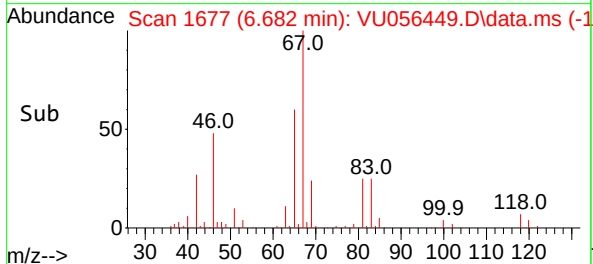
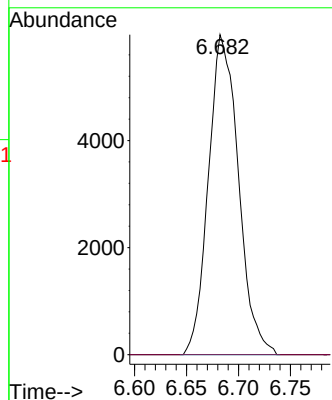
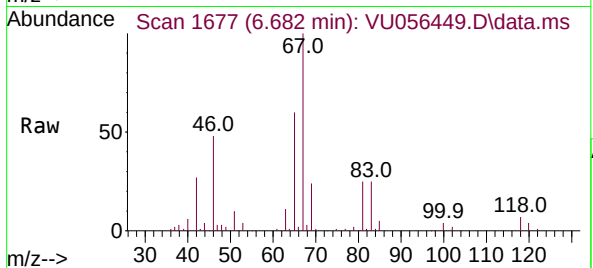
ClientSampleId :

Tgt Ion: 63 Resp: 12015

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#48

2-Hexanone

Concen: 0.952 ug/L

RT: 8.692 min Scan# 2302

Delta R.T. 0.013 min

Lab File: VU056449.D

Acq: 17 Nov 2023 18:07

Tgt Ion: 43 Resp: 7693

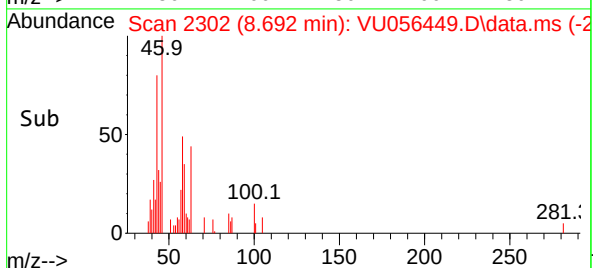
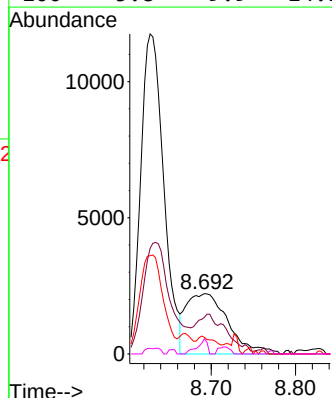
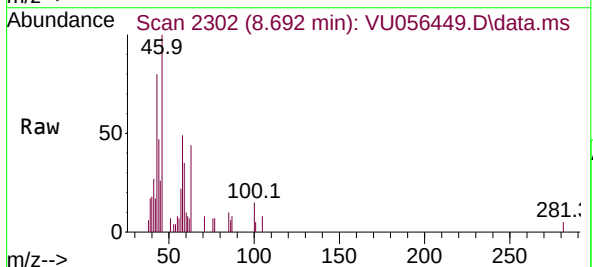
Ion Ratio Lower Upper

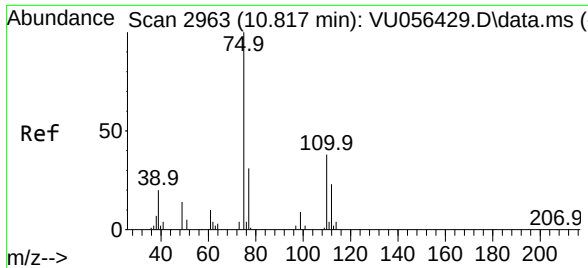
43 100

58 47.9 48.7 73.1#

57 11.6 16.8 25.2#

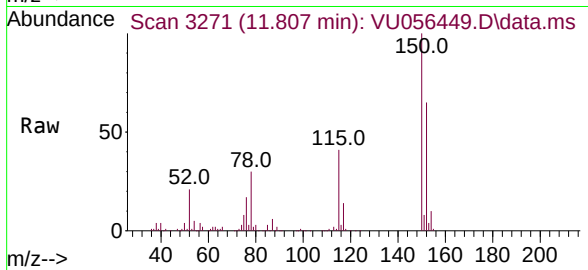
100 5.8 9.9 14.9#





#61
1,2,3-Trichloropropane
Concen: 1.416 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056449.D
Acq: 17 Nov 2023 18:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	14107
Ion	Ratio	Lower	Upper
75	100		
110	3.1	30.4	45.6#
77	37.1	27.0	40.6

