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 Data File : VU052324.D
 Acq On : 10 Dec 2022 00:28
 Operator : JC/MD
 Sample : N5979-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

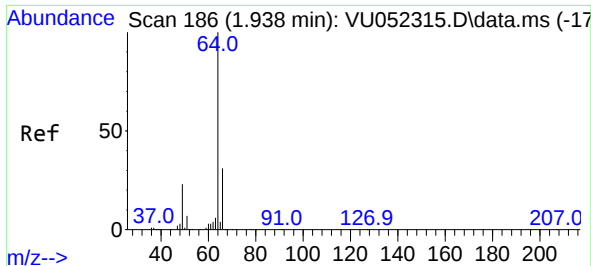
Instrument :
 MSVOA_U
 ClientSampleId :
 C0ER4

Quant Time: Dec 10 03:24:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	192406	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	200484	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	83610	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	59564	3.183	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.600%	
7) Chloroethane-d5	1.916	69	61050	4.200	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.000%	
11) 1,1-Dichloroethene-d2	2.568	65	25215	3.759	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.200%	
20) 2-Butanone-d5	4.639	46	234394	69.094	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	138.180%#	
24) Chloroform-d	5.060	84	139903	5.088	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
26) 1,2-Dichloroethane-d4	5.700	65	74660	5.375	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.600%	
32) Benzene-d6	5.726	84	268761	4.515	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	6.687	67	95787	5.200	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.000%	
41) Toluene-d8	7.896	98	201370	3.739	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.800%	
43) trans-1,3-Dichloroprop...	8.176	79	28770	4.286	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.632	63	152392	53.572	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.140%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	89677	5.615	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	112.400%	
66) 1,2-Dichlorobenzene-d4	12.188	152	79899	4.991	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.800%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.938	64	1091	0.084	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	874	0.062	ug/L #	20
12) 1,1-Dichloroethene	2.581	96	2939	0.211	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	3668	0.234	ug/L	93
29) 1,1,1-Trichloroethane	5.321	97	1929	0.087	ug/L #	87
34) Trichloroethene	6.539	95	55913	3.436	ug/L	94
35) Methylcyclohexane	6.687	83	21157	0.904	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	9406	0.557	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	9596	1.003	ug/L #	70

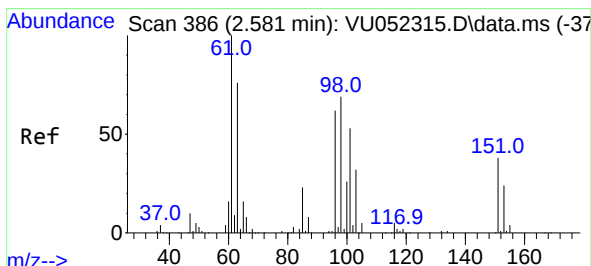
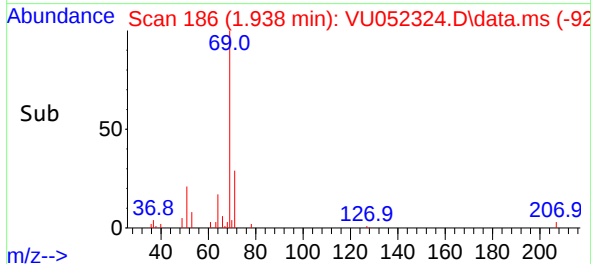
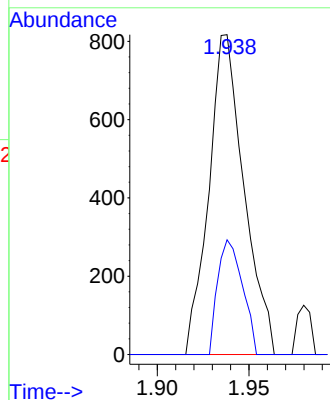
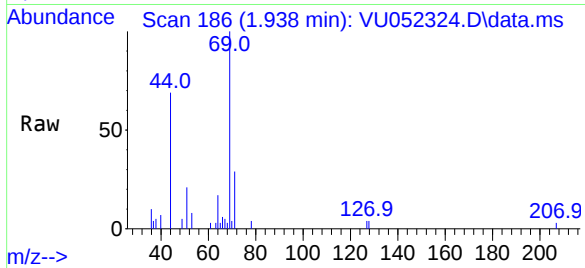
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 0.084 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052324.D
Acq: 10 Dec 2022 00:28

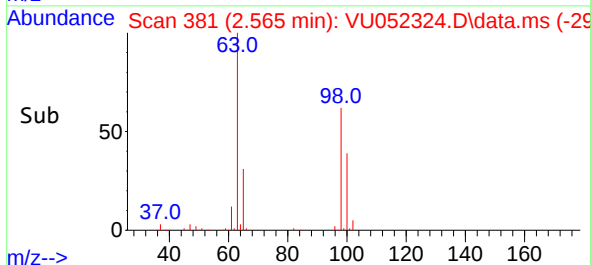
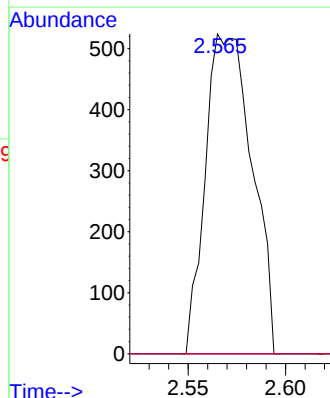
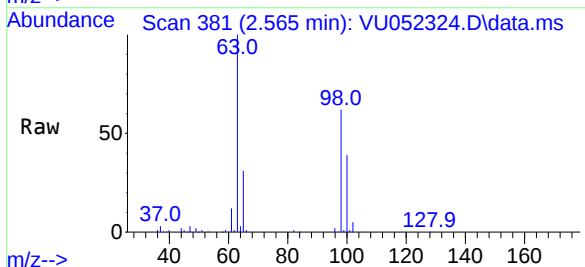
Instrument :
MSVOA_U
ClientSampleId :
C0ER4

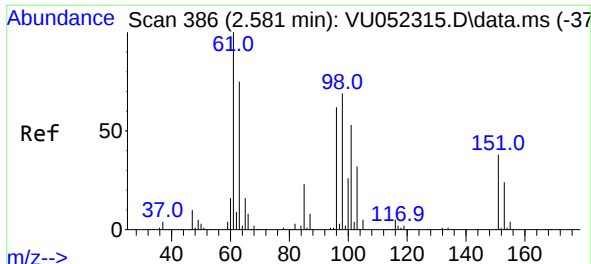
Tgt Ion: 64 Resp: 1091
Ion Ratio Lower Upper
64 100
66 35.9 21.1 39.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.062 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.016 min
Lab File: VU052324.D
Acq: 10 Dec 2022 00:28

Tgt Ion:101 Resp: 874
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#

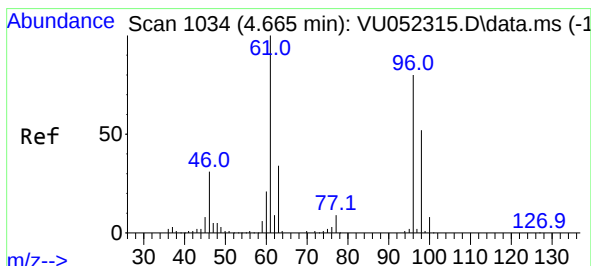
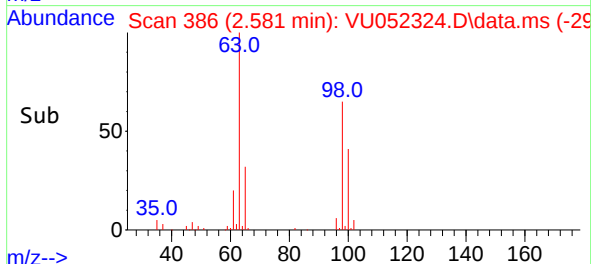
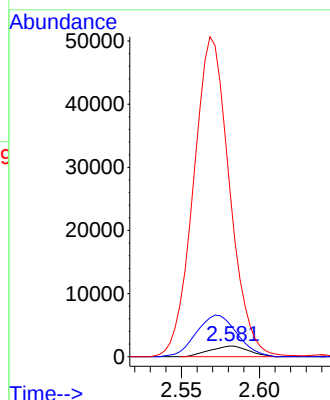
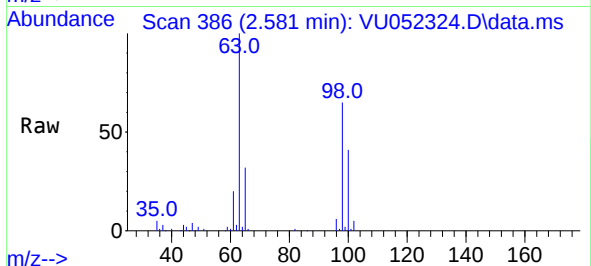




#12
1,1-Dichloroethene
Concen: 0.211 ug/L
RT: 2.581 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052324.D
Acq: 10 Dec 2022 00:28

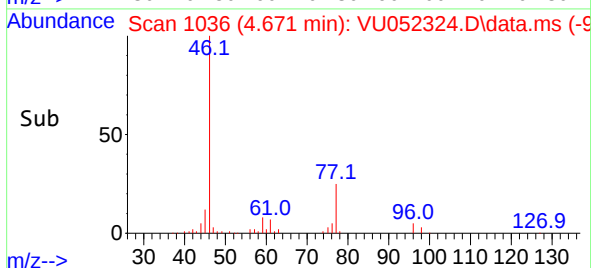
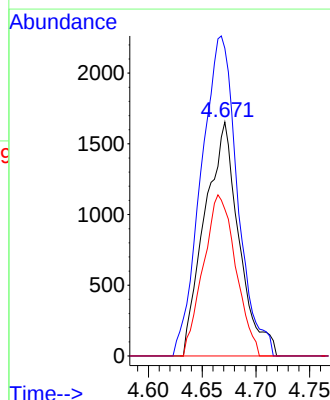
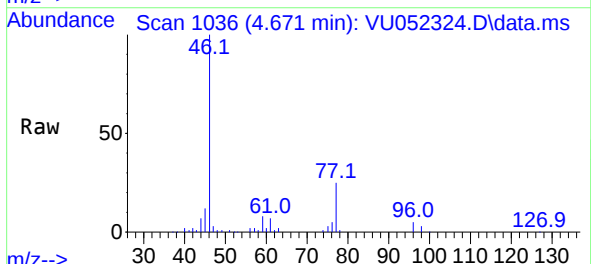
Instrument :
MSVOA_U
ClientSampleId :
C0ER4

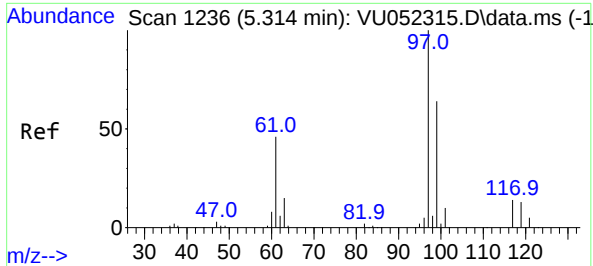
Tgt Ion: 96 Resp: 2939
Ion Ratio Lower Upper
96 100
61 302.1 114.8 213.2#
63 1543.6 93.7 174.1#



#22
cis-1,2-Dichloroethene
Concen: 0.234 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VU052324.D
Acq: 10 Dec 2022 00:28

Tgt Ion: 96 Resp: 3668
Ion Ratio Lower Upper
96 100
61 131.6 85.1 158.1
98 62.8 42.8 79.6

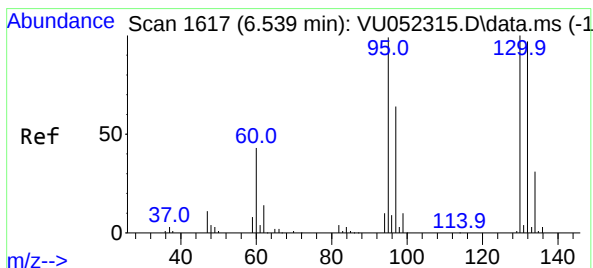
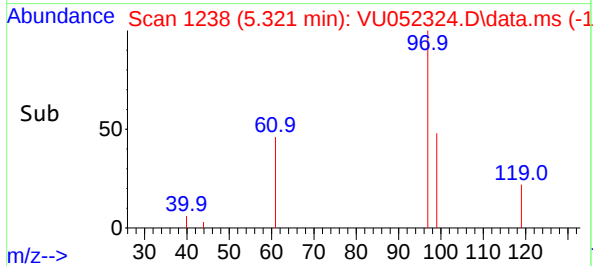
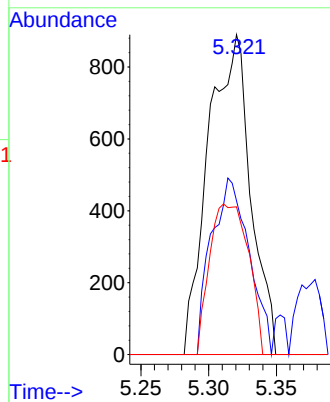
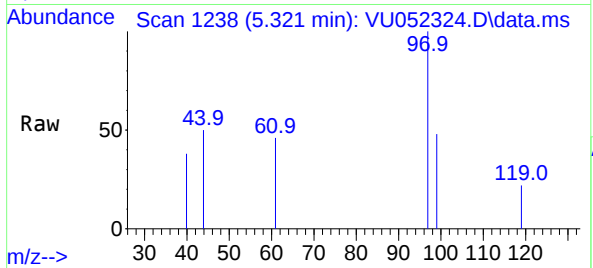




#29
1,1,1-Trichloroethane
Concen: 0.087 ug/L
RT: 5.321 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU052324.D
Acq: 10 Dec 2022 00:28

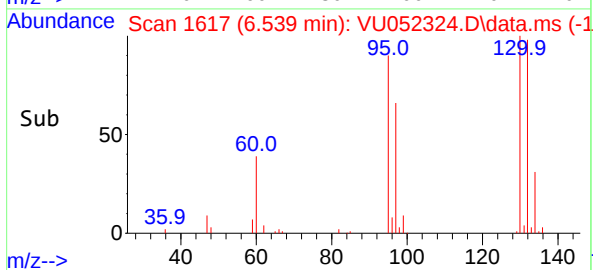
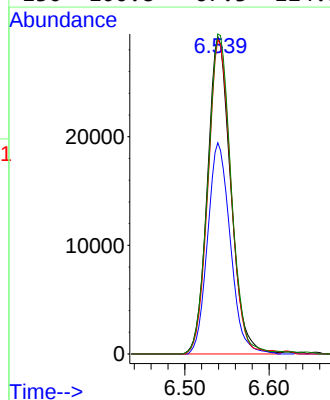
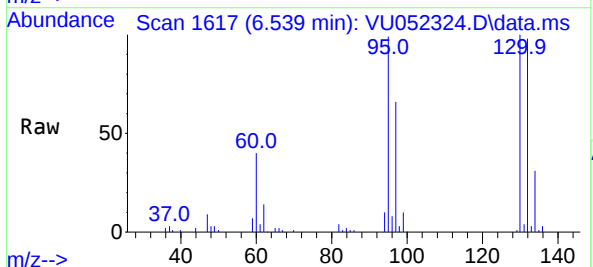
Instrument :
MSVOA_U
ClientSampleId :
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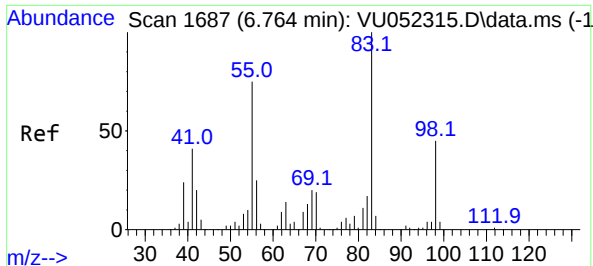
Tgt Ion: 97 Resp: 1929
Ion Ratio Lower Upper
97 100
99 49.4 51.0 76.6#
61 43.1 36.9 55.3



#34
Trichloroethene
Concen: 3.436 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU052324.D
Acq: 10 Dec 2022 00:28

Tgt Ion: 95 Resp: 55913
Ion Ratio Lower Upper
95 100
97 66.5 43.7 81.1
132 99.0 64.3 119.3
130 100.8 67.3 124.9





#35

Methylcyclohexane

Concen: 0.904 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU052324.D

Acq: 10 Dec 2022 00:28

Instrument :

MSVOA_U

ClientSampleId :

C0ER4

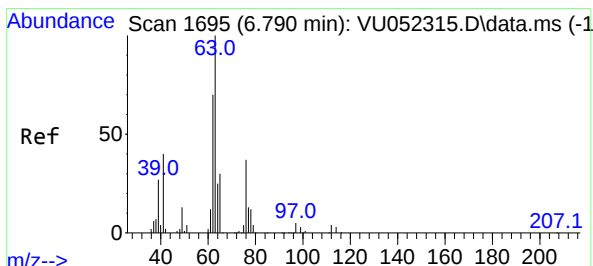
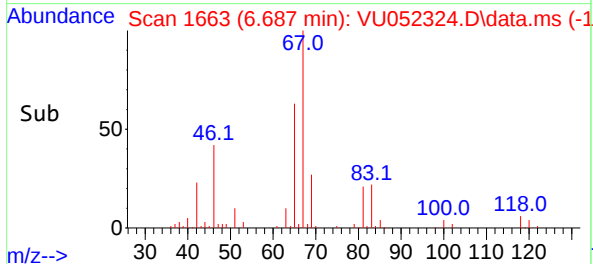
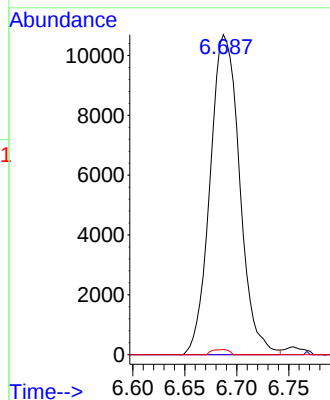
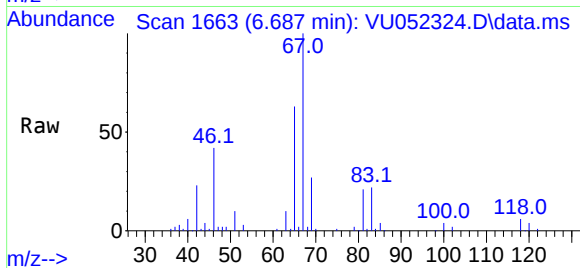
Tgt Ion: 83 Resp: 21157

Ion Ratio Lower Upper

83 100

55 0.1 60.8 91.2#

98 0.9 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.557 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU052324.D

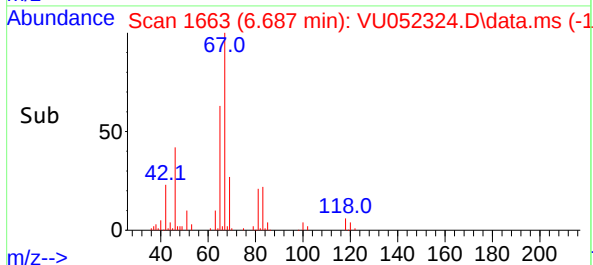
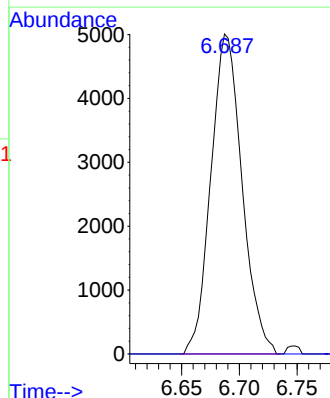
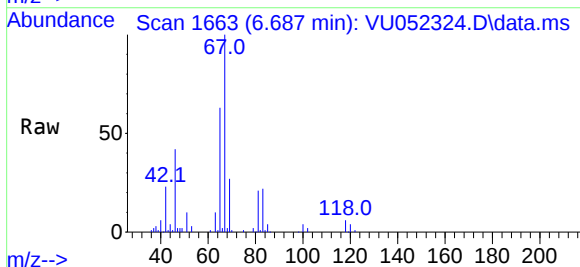
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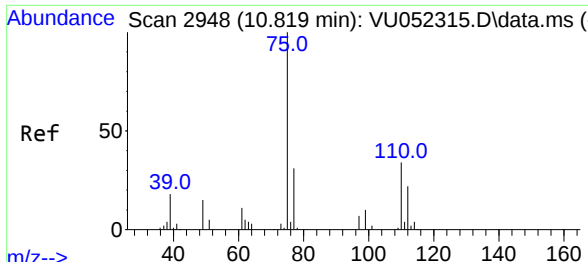
Tgt Ion: 63 Resp: 9406

Ion Ratio Lower Upper

63 100

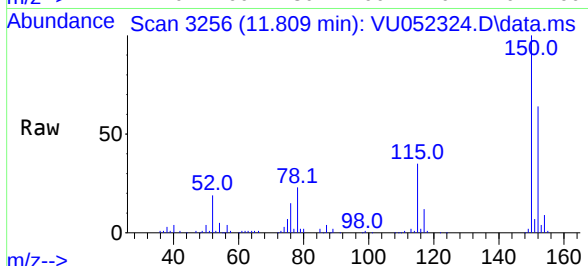
112 0.0 3.3 4.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.003 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052324.D
 Acq: 10 Dec 2022 00:28

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ER4



Tgt Ion:	75	Resp:	9596
Ion	Ratio	Lower	Upper
75	100		
110	1.9	28.3	42.5#
77	32.5	26.2	39.2

