

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052050.D
 Acq On : 22 Nov 2022 19:17
 Operator : JC/MD
 Sample : N5684-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

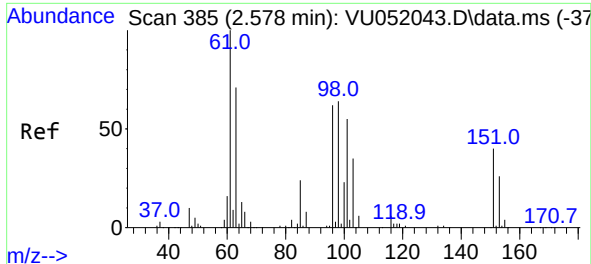
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 00:49:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	193635	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	199072	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	72079	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	88136	4.679	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.600%	
7) Chloroethane-d5	1.912	69	77514	5.298	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.000%	
11) 1,1-Dichloroethene-d2	2.565	65	32316	4.787	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.800%	
20) 2-Butanone-d5	4.639	46	213574	62.557	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	125.120%	
24) Chloroform-d	5.060	84	153017	5.529	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.600%	
26) 1,2-Dichloroethane-d4	5.700	65	82720	5.918	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	118.400%	
32) Benzene-d6	5.726	84	306719	5.190	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.800%	
36) 1,2-Dichloropropane-d6	6.687	67	104071	5.690	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.800%	
41) Toluene-d8	7.896	98	227845	4.261	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
43) trans-1,3-Dichloroprop...	8.179	79	28564	4.286	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.800%	
46) 2-Hexanone-d5	8.636	63	152026	53.822	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.640%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	88064	5.553	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	78820	5.712	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.200%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1029	0.073	ug/L #	20
16) Methylene chloride	3.047	84	21242	1.118	ug/L	94
22) cis-1,2-Dichloroethene	4.665	96	1509	0.095	ug/L	81
34) Trichloroethene	6.542	95	29831	1.846	ug/L	98
35) Methylcyclohexane	6.690	83	23363	1.005	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	10519	0.627	ug/L #	88
47) Tetrachloroethene	8.552	164	4794	0.387	ug/L	96
49) Dibromochloromethane	8.552	129	4301	0.305	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	8154	0.988	ug/L #	65

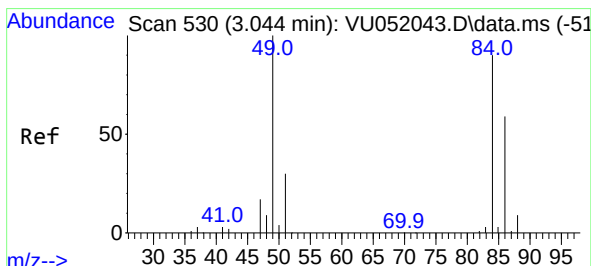
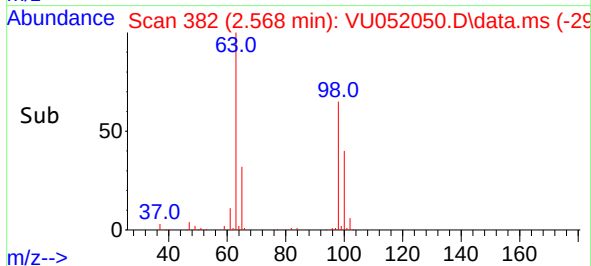
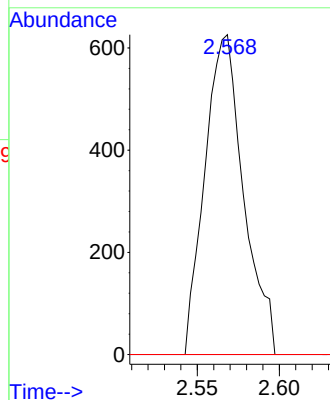
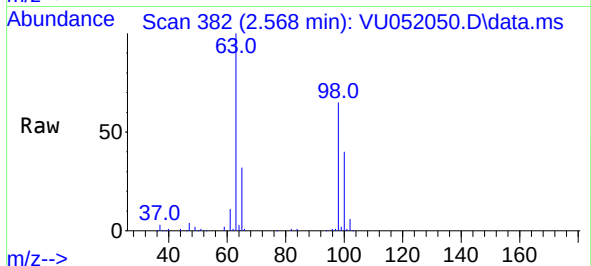
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.073 ug/L
RT: 2.568 min Scan# 310
Delta R.T. -0.010 min
Lab File: VU052050.D
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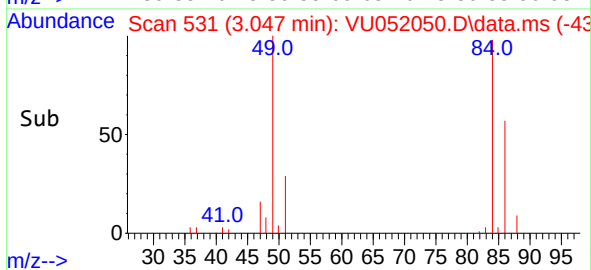
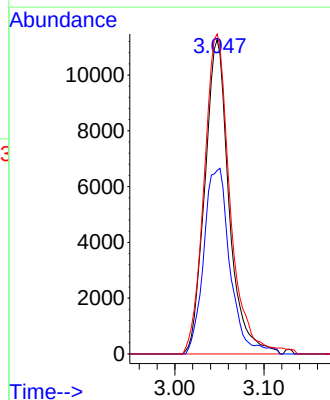
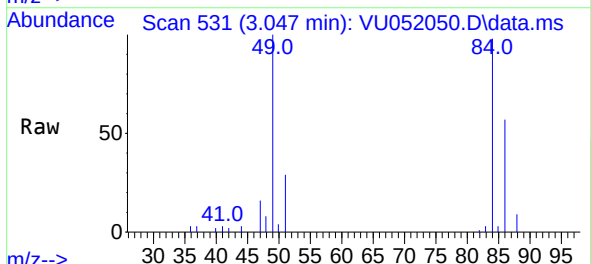
Instrument :
MSVOA_U
ClientSampleId :

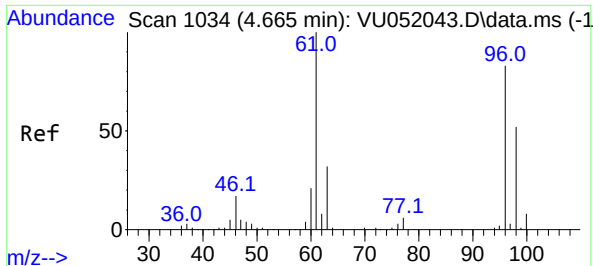
Tgt Ion:101 Resp: 1029
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#16
Methylene chloride
Concen: 1.118 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU052050.D
Acq: 22 Nov 2022 19:17

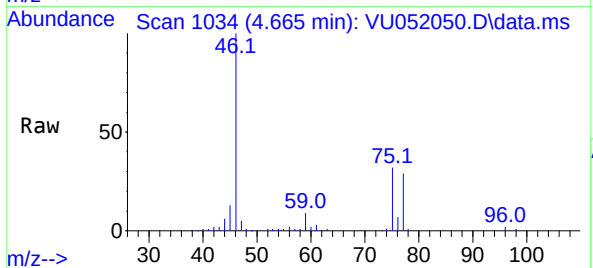
Tgt Ion: 84 Resp: 21242
Ion Ratio Lower Upper
84 100
86 58.4 43.8 81.4
49 101.8 75.9 141.1





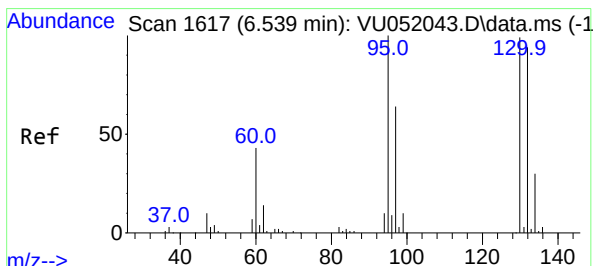
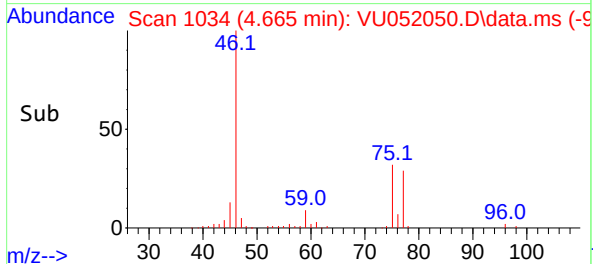
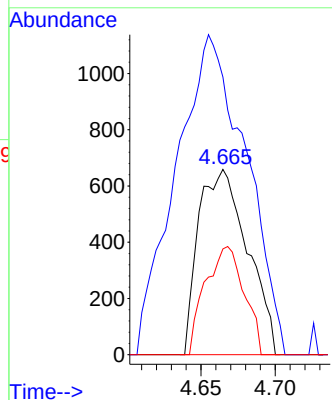
#22
cis-1,2-Dichloroethene
Concen: 0.095 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052050.D
Acq: 22 Nov 2022 19:17

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 1509

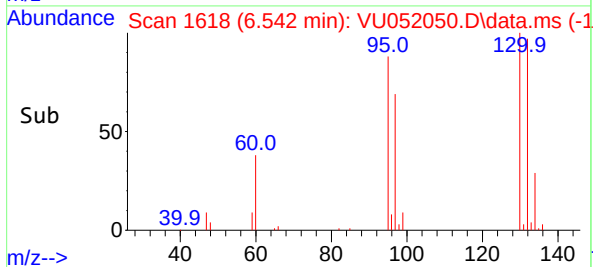
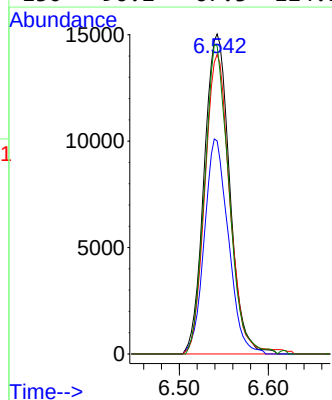
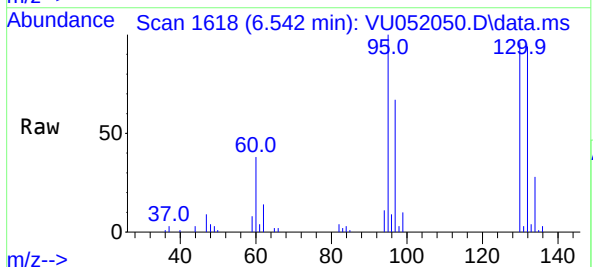
Ion	Ratio	Lower	Upper
96	100		
61	149.8	85.1	158.1
98	57.1	42.8	79.6

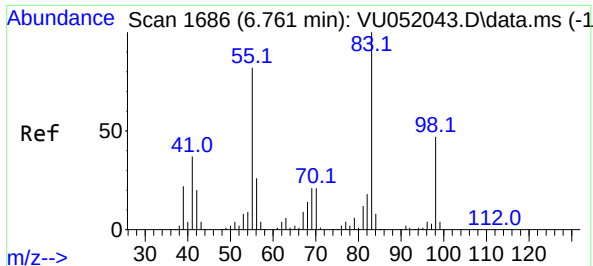


#34
Trichloroethene
Concen: 1.846 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU052050.D
Acq: 22 Nov 2022 19:17

Tgt Ion: 95 Resp: 29831

Ion	Ratio	Lower	Upper
95	100		
97	66.5	43.7	81.1
132	93.6	64.3	119.3
130	96.2	67.3	124.9





#35

Methylcyclohexane

Concen: 1.005 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU052050.D

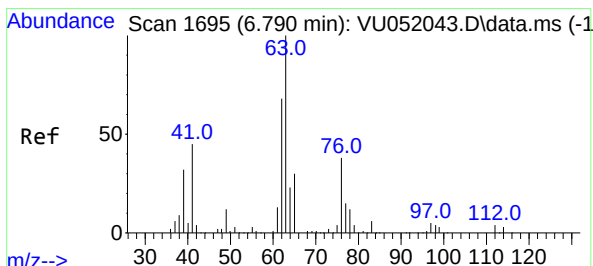
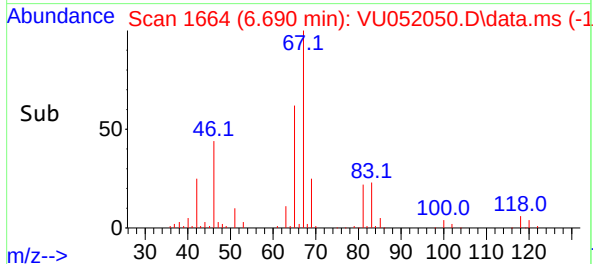
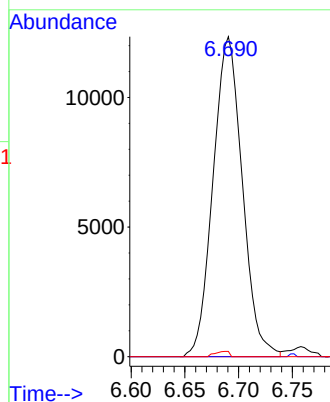
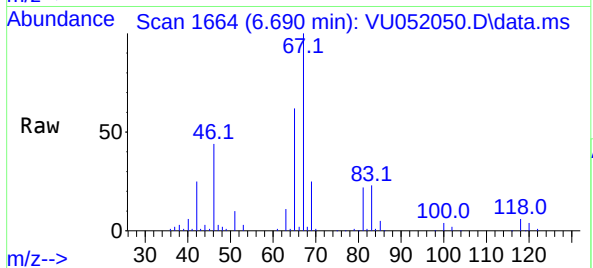
Acq: 22 Nov 2022 19:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 23363
Ion Ratio	Lower Upper
83 100	
55 0.2	60.8 91.2#
98 0.8	35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.627 ug/L

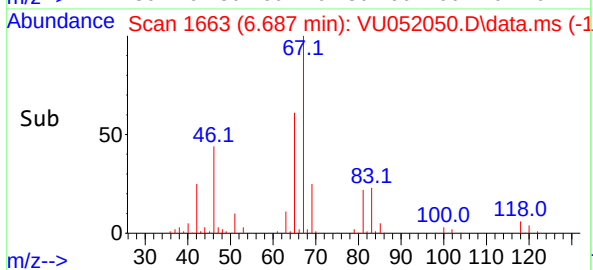
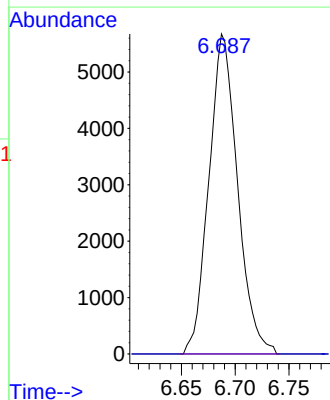
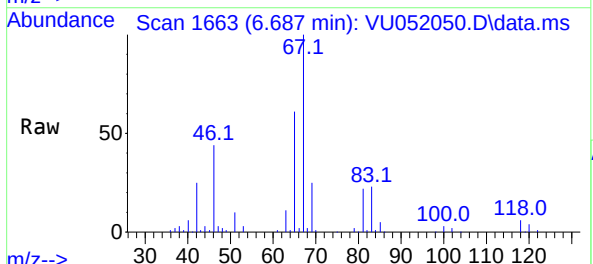
RT: 6.687 min Scan# 1663

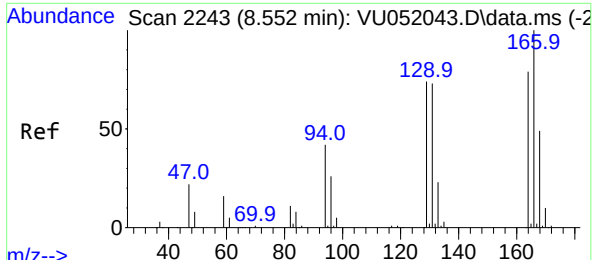
Delta R.T. -0.100 min

Lab File: VU052050.D

Acq: 22 Nov 2022 19:17

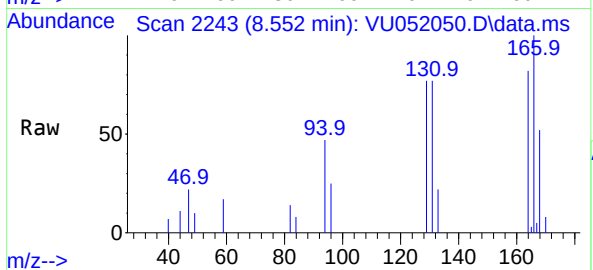
Tgt Ion: 63	Resp: 10519
Ion Ratio	Lower Upper
63 100	
112 0.0	3.3 4.9#



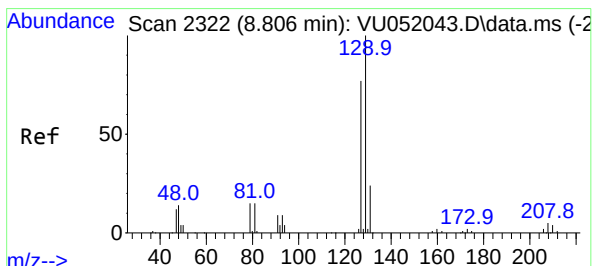
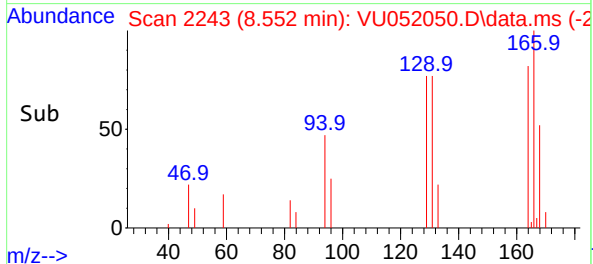
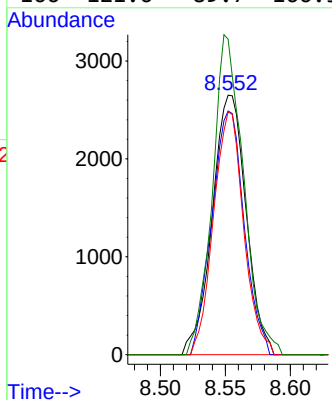


#47
Tetrachloroethene
Concen: 0.387 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU052050.D
Acq: 22 Nov 2022 19:17

Instrument :
MSVOA_U
ClientSampleId :

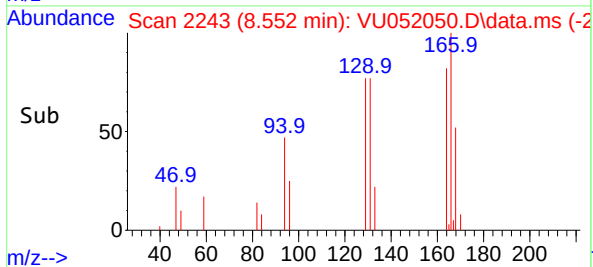
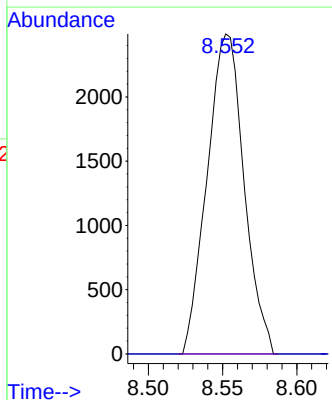
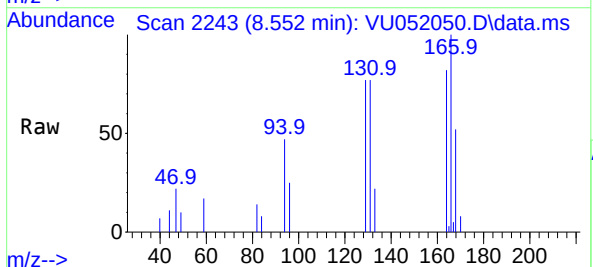


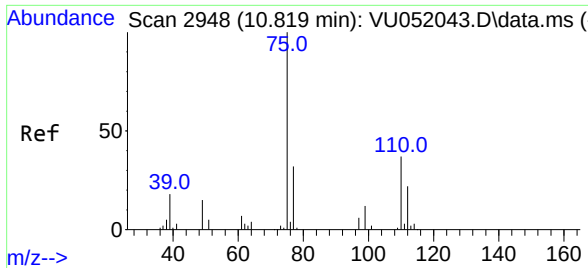
Tgt Ion:164 Resp: 4794
Ion Ratio Lower Upper
164 100
129 93.9 67.4 125.2
131 93.6 67.1 124.7
166 121.6 89.7 166.5



#49
Dibromochloromethane
Concen: 0.305 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU052050.D
Acq: 22 Nov 2022 19:17

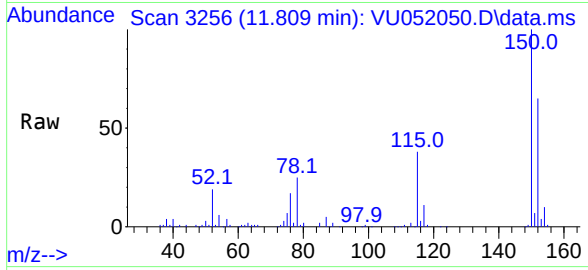
Tgt Ion:129 Resp: 4301
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#





#61
 1,2,3-Trichloropropane
 Concen: 0.988 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052050.D
 Acq: 22 Nov 2022 19:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8154

Ion	Ratio	Lower	Upper
75	100		
110	1.1	28.3	42.5#
77	27.5	26.2	39.2

