

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU056987.D
 Acq On : 18 Dec 2023 12:38
 Operator : MD/SY
 Sample : 05890-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 14:31:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 01:16:15 2023
 Response via : Initial Calibration

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

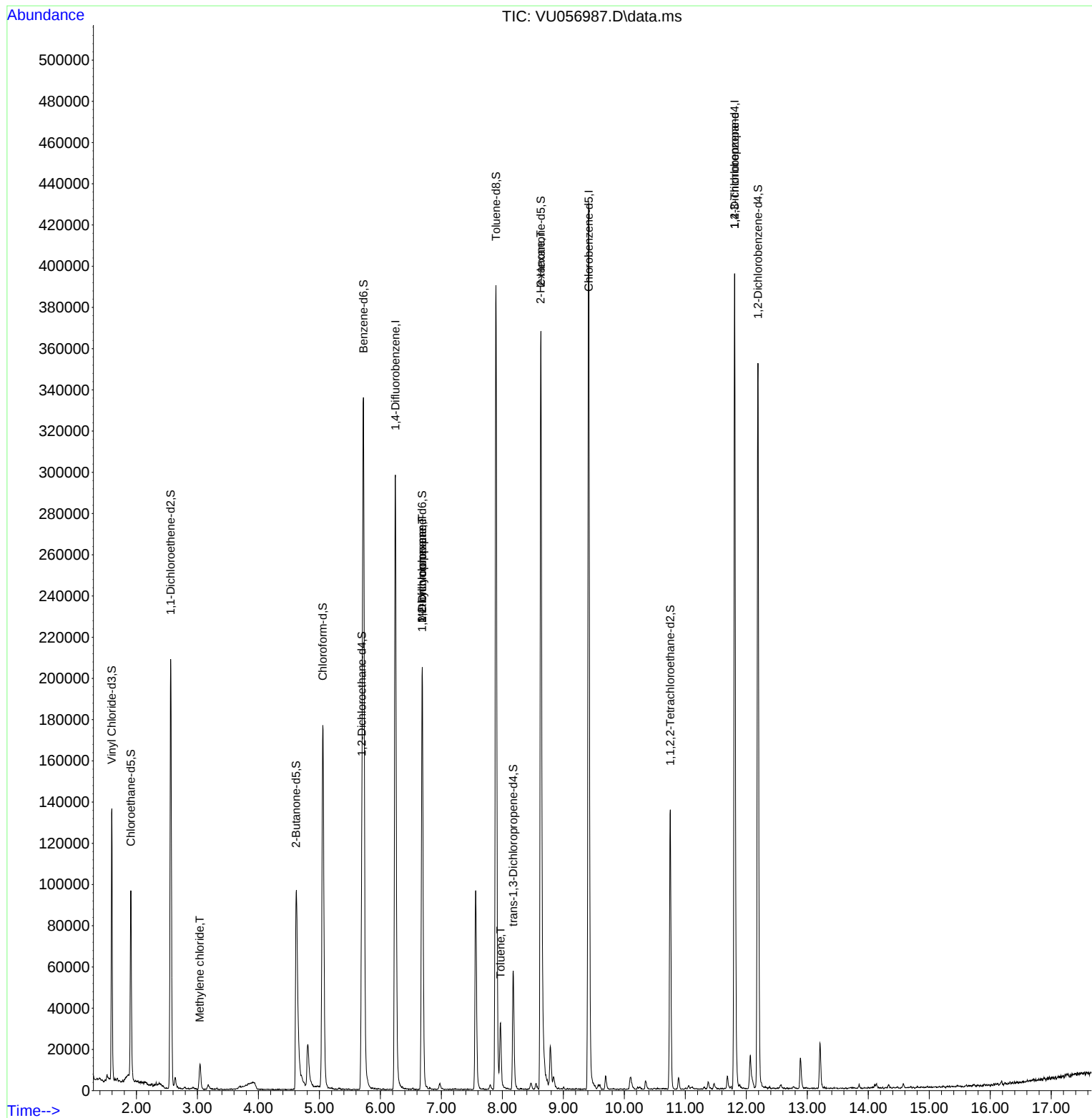
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	239955	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	245471	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	104708	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	93284	4.535	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.800%	
7) Chloroethane-d5	1.908	69	68485	4.450	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.560	65	41277	4.690	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.800%	
20) 2-Butanone-d5	4.618	46	147975	36.430	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	72.860%	
24) Chloroform-d	5.055	84	169232	4.345	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
26) 1,2-Dichloroethane-d4	5.695	65	79247	4.300	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
32) Benzene-d6	5.721	84	321761	4.226	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
36) 1,2-Dichloropropane-d6	6.685	67	98847	4.148	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.000%	
41) Toluene-d8	7.894	98	270784	3.979	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
43) trans-1,3-Dichloroprop...	8.177	79	36235	3.921	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.400%	
46) 2-Hexanone-d5	8.631	63	127373	36.543	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	73.080%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	69351	4.022	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	80.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	90092	4.377	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.600%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	6218	0.293	ug/L	90
35) Methylcyclohexane	6.685	83	23600	0.676	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	10849	0.492	ug/L #	88
42) Toluene	7.968	91	23052	0.258	ug/L	90
48) 2-Hexanone	8.627	43	17274	2.315	ug/L #	73
61) 1,2,3-Trichloropropane	11.807	75	13117	1.167	ug/L #	71

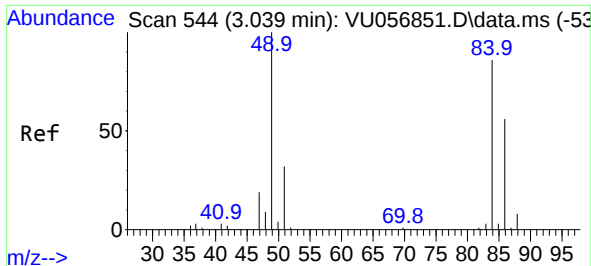
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :

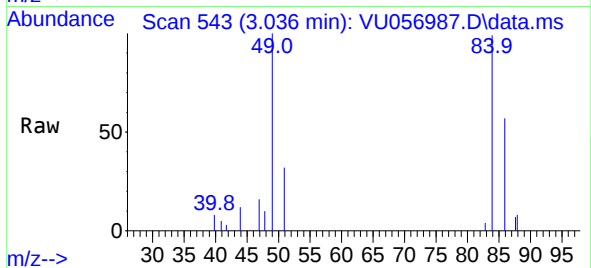
Quant Time: Dec 18 14:31:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
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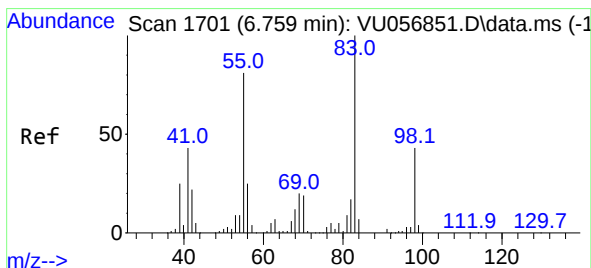
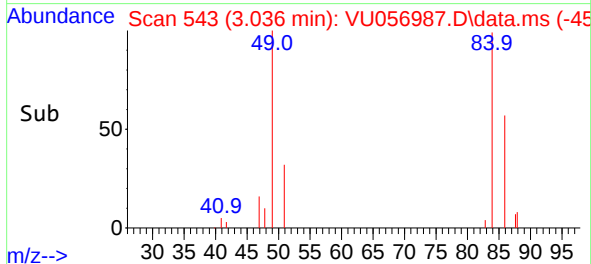
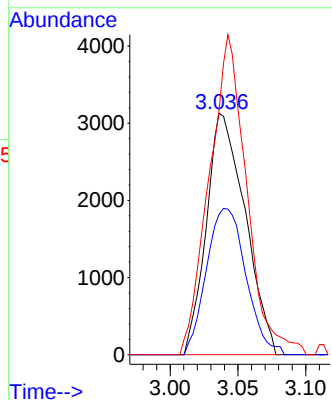


#16
Methylene chloride
Concen: 0.293 ug/L
RT: 3.036 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU056987.D
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Instrument :
MSVOA_U
ClientSampleId :

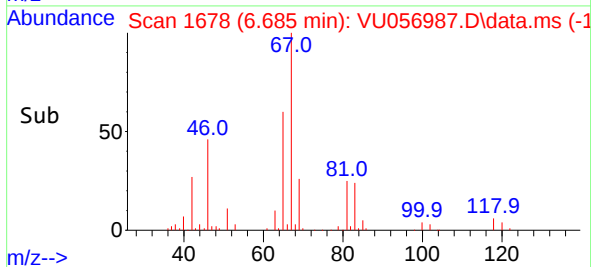
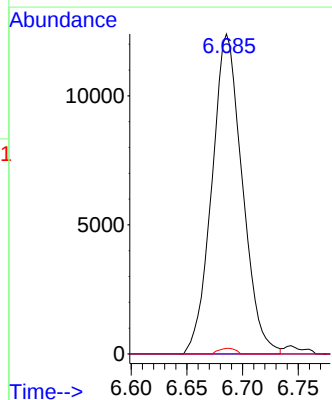
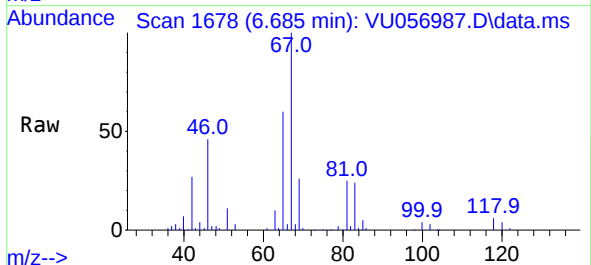


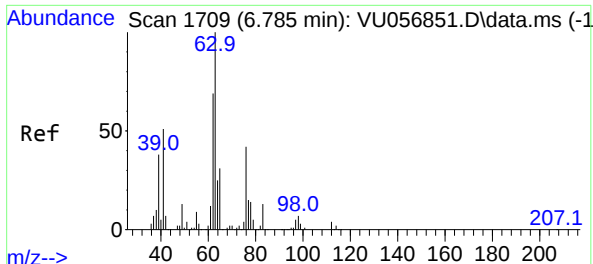
Tgt Ion: 84 Resp: 6218
Ion Ratio Lower Upper
84 100
86 58.3 43.6 81.0
49 101.5 80.6 149.6



#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056987.D
Acq: 18 Dec 2023 12:38

Tgt Ion: 83 Resp: 23600
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 1.0 36.1 54.1#

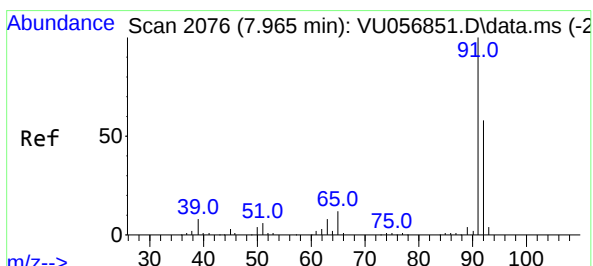
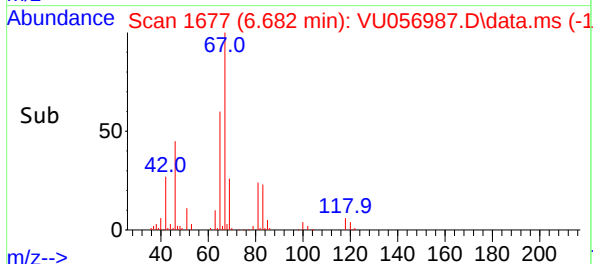
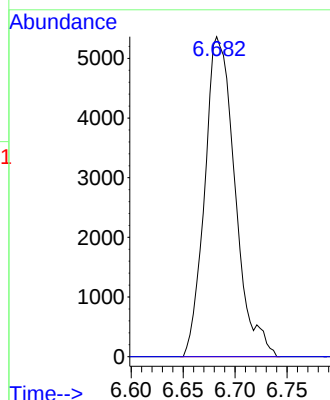
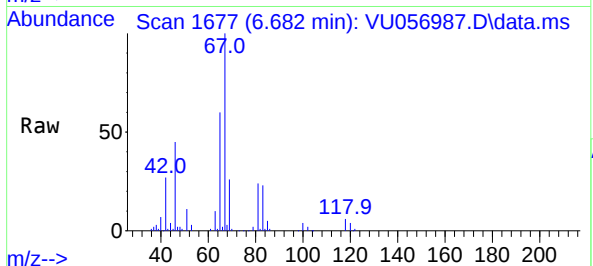




#37
1,2-Dichloropropane
Concen: 0.492 ug/L
RT: 6.682 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU056987.D
Acq: 18 Dec 2023 12:38

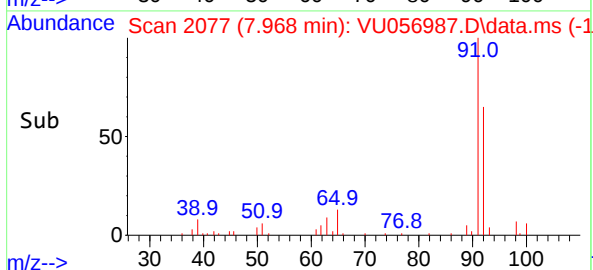
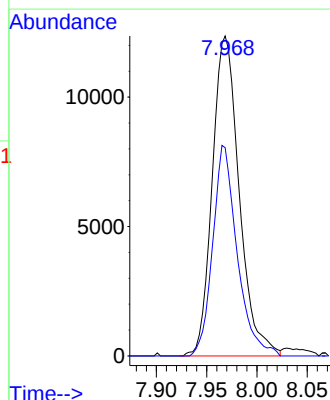
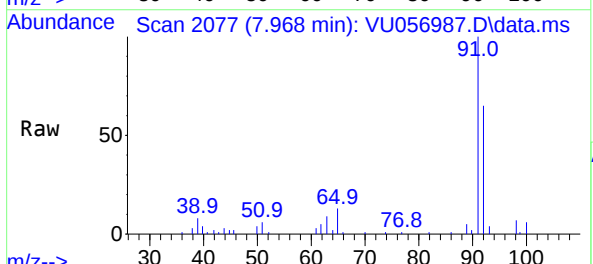
Instrument :
MSVOA_U
ClientSampleId :

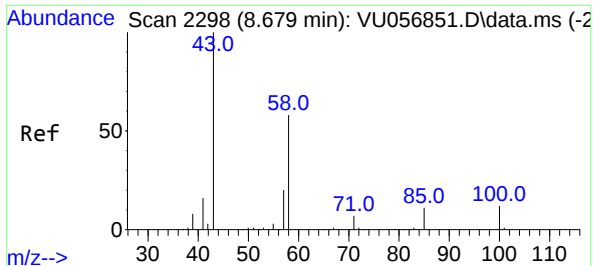
Tgt Ion: 63 Resp: 10849
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#42
Toluene
Concen: 0.258 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU056987.D
Acq: 18 Dec 2023 12:38

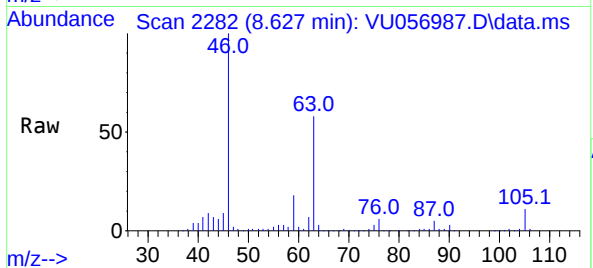
Tgt Ion: 91 Resp: 23052
Ion Ratio Lower Upper
91 100
92 65.1 40.4 75.0



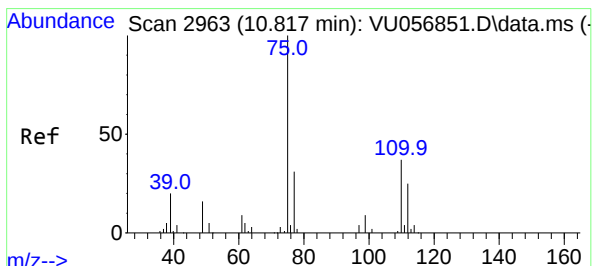
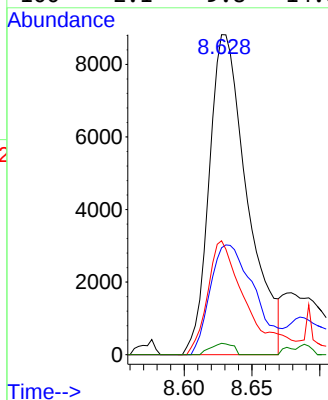
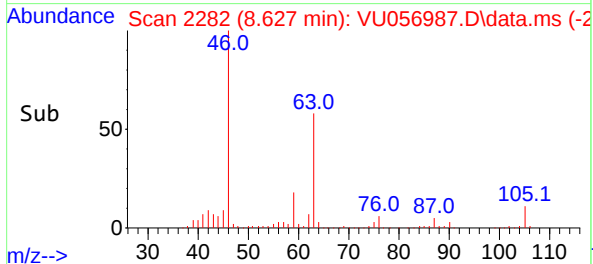


#48
2-Hexanone
Concen: 2.315 ug/L
RT: 8.627 min Scan# 21
Delta R.T. -0.055 min
Lab File: VU056987.D
Acq: 18 Dec 2023 12:38

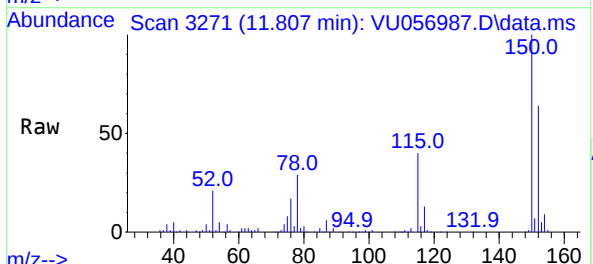
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 17274
Ion Ratio Lower Upper
43 100
58 40.5 47.5 71.3#
57 36.1 17.0 25.4#
100 2.1 9.8 14.8#



#61
1,2,3-Trichloropropane
Concen: 1.167 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056987.D
Acq: 18 Dec 2023 12:38



Tgt Ion: 75 Resp: 13117
Ion Ratio Lower Upper
75 100
110 4.0 28.4 42.6#
77 34.4 26.3 39.5

