

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022024\
 Data File : VU057902.D
 Acq On : 20 Feb 2024 15:06
 Operator : MD/SY
 Sample : P1504-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 21 00:14:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 21 00:11:26 2024
 Response via : Initial Calibration

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

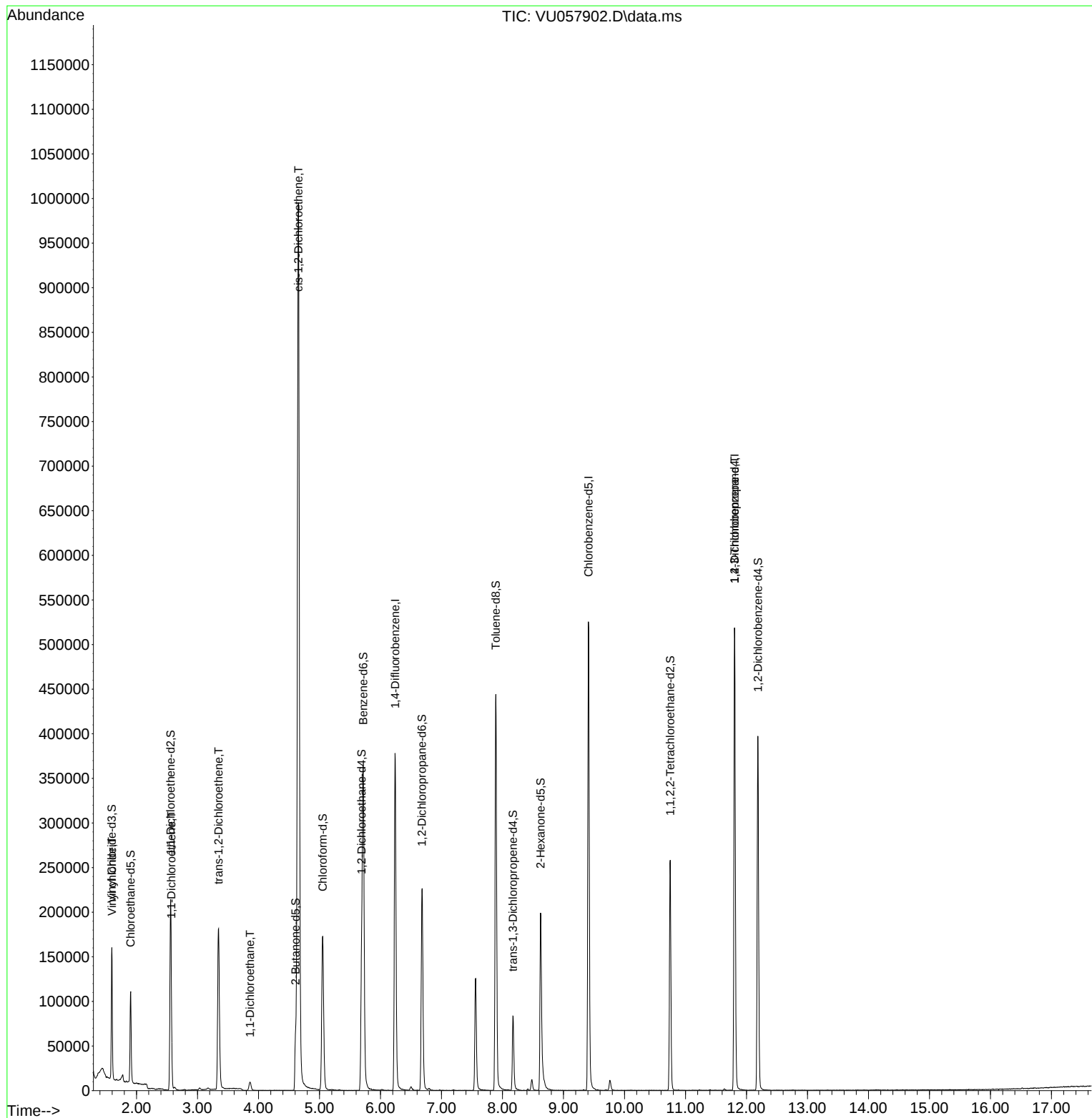
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	301411	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	285286	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	131488	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	95497	43.763	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.520%
7) Chloroethane-d5	1.904	69	74202	46.006	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.020%
11) 1,1-Dichloroethene-d2	2.560	63	135085	33.217	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.440%
21) 2-Butanone-d5	4.608	46	92230	111.240	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.240%
24) Chloroform-d	5.052	84	163805	44.269	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.540%
26) 1,2-Dichloroethane-d4	5.692	65	109094	47.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.060%
32) Benzene-d6	5.718	84	339884	47.540	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.080%
36) 1,2-Dichloropropane-d6	6.679	67	110401	47.822	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.640%
41) Toluene-d8	7.891	98	302229	46.700	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.171	79	48726	44.322	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.640%
47) 2-Hexanone-d5	8.624	63	71979	81.104	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.100%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	129592	40.681	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.360%
66) 1,2-Dichlorobenzene-d4	12.187	152	101147	47.507	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.020%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	10304	3.106	ug/L	89
12) 1,1-Dichloroethene	2.570	96	5717	2.620	ug/L #	1
17) trans-1,2-Dichloroethene	3.345	96	74772	33.025	ug/L	97
19) 1,1-Dichloroethane	3.862	63	11949	2.546	ug/L	100
20) cis-1,2-Dichloroethene	4.653	96	511371	196.883	ug/L	99
60) 1,2,3-Trichloropropane	11.804	75	18358	6.026	ug/L #	69

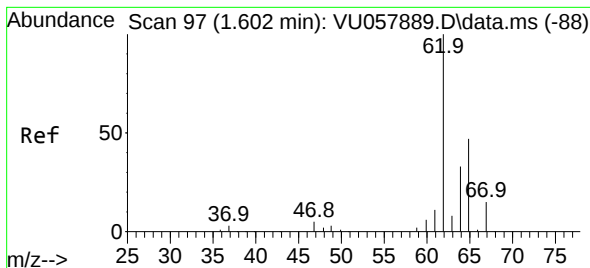
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 21 00:11:26 2024
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#5

Vinyl chloride

Concen: 3.106 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU057902.D

Acq: 20 Feb 2024 15:06

Instrument :

MSVOA_U

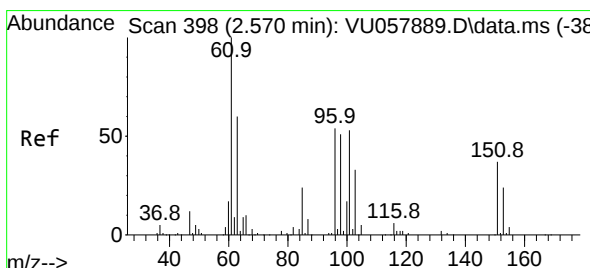
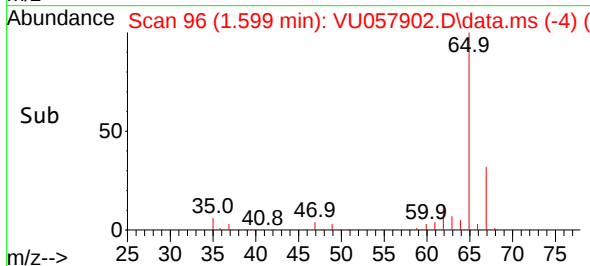
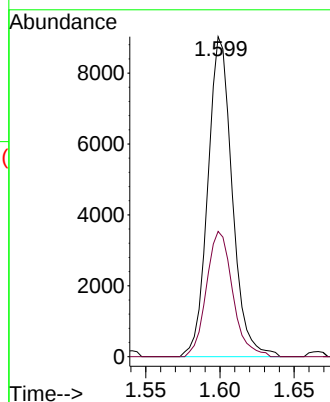
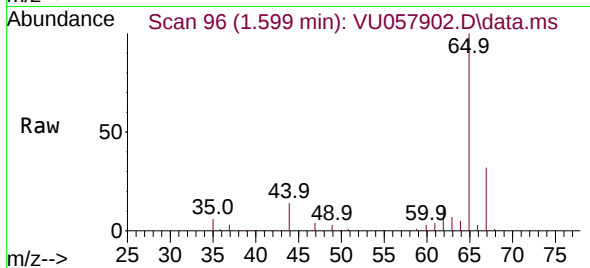
ClientSampleId :

Tgt Ion: 62 Resp: 10304

Ion Ratio Lower Upper

62 100

64 39.1 23.1 42.9



#12

1,1-Dichloroethene

Concen: 2.620 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU057902.D

Acq: 20 Feb 2024 15:06

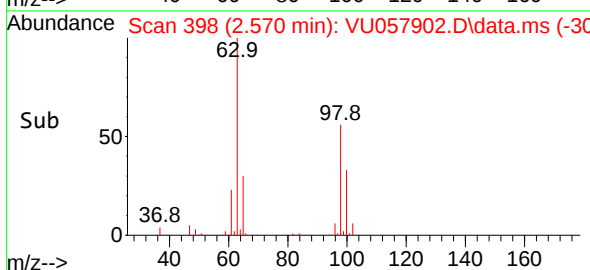
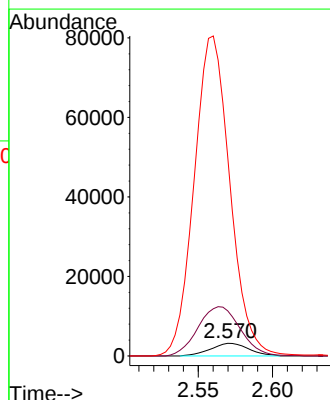
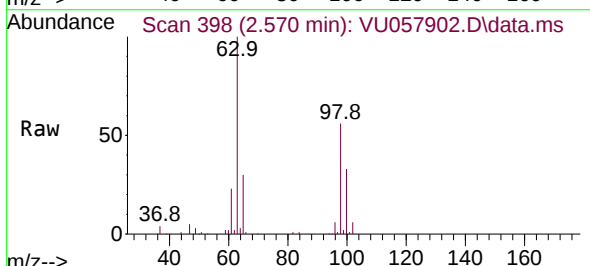
Tgt Ion: 96 Resp: 5717

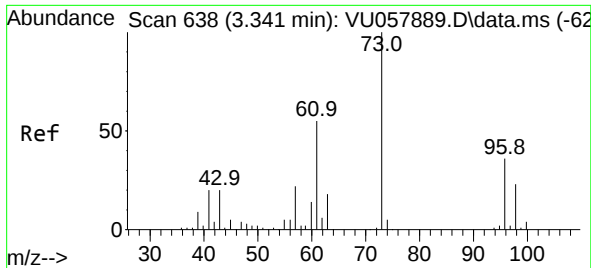
Ion Ratio Lower Upper

96 100

61 356.3 126.8 235.6#

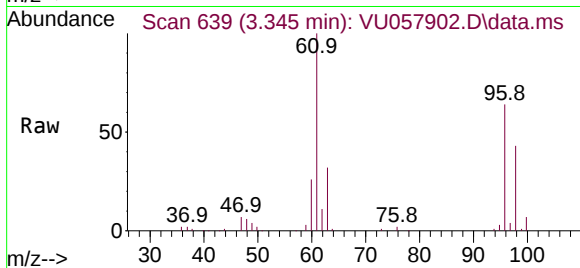
63 1570.2 86.5 160.7#





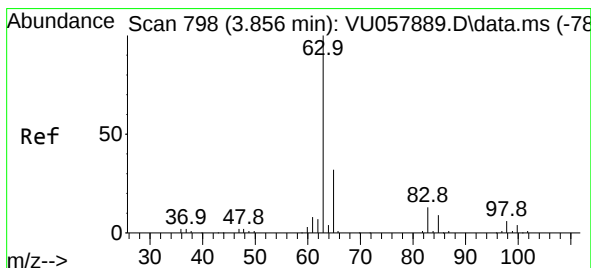
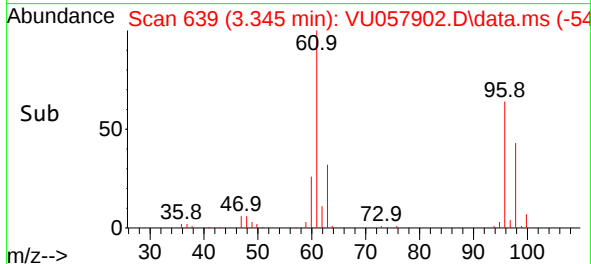
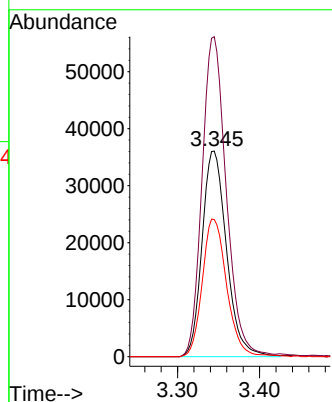
#17
trans-1,2-Dichloroethene
Concen: 33.025 ug/L
RT: 3.345 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU057902.D
Acq: 20 Feb 2024 15:06

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 74772

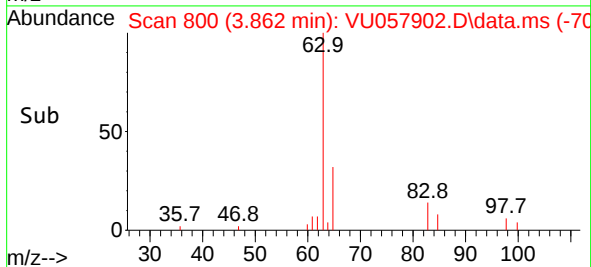
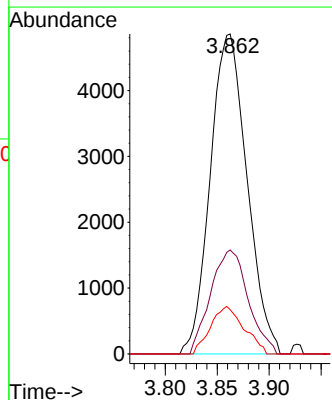
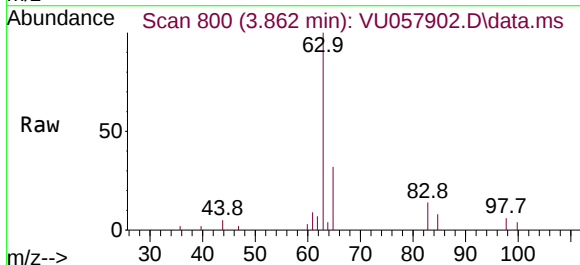
Ion	Ratio	Lower	Upper
96	100		
61	155.6	106.3	197.3
98	66.7	44.4	82.5

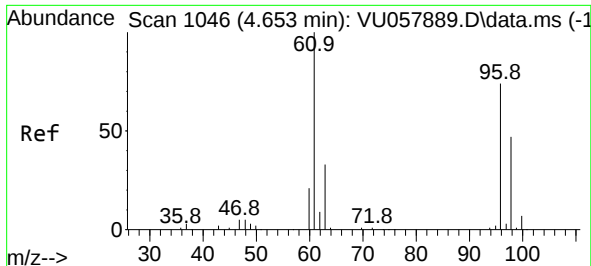


#19
1,1-Dichloroethane
Concen: 2.546 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.006 min
Lab File: VU057902.D
Acq: 20 Feb 2024 15:06

Tgt Ion: 63 Resp: 11949

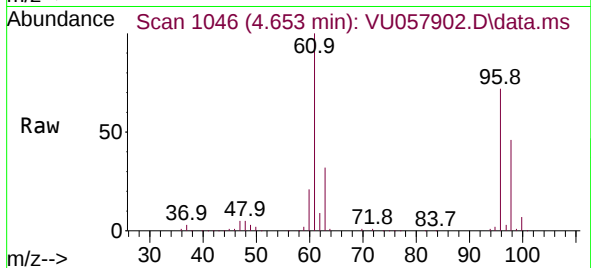
Ion	Ratio	Lower	Upper
63	100		
65	31.1	21.7	40.3
83	13.2	9.4	17.4



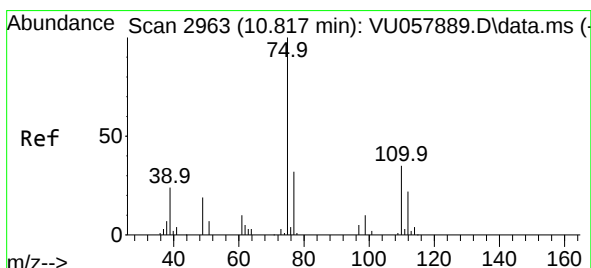
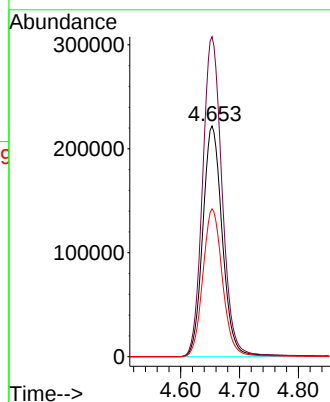
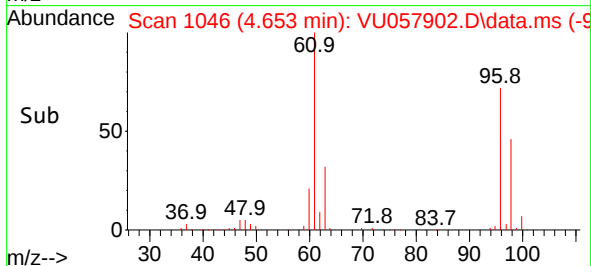


#20
 cis-1,2-Dichloroethene
 Concen: 196.883 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU057902.D
 Acq: 20 Feb 2024 15:06

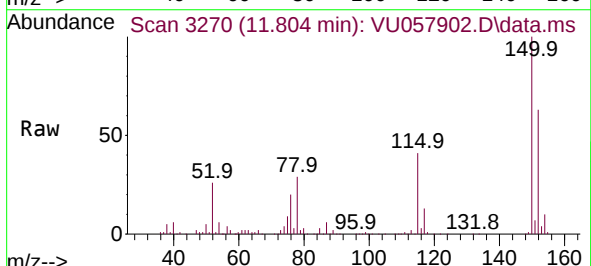
Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 511371
 Ion Ratio Lower Upper
 96 100
 61 138.7 96.7 179.7
 98 64.1 44.3 82.3



#60
 1,2,3-Trichloropropane
 Concen: 6.026 ug/L
 RT: 11.804 min Scan# 3270
 Delta R.T. 0.987 min
 Lab File: VU057902.D
 Acq: 20 Feb 2024 15:06



Tgt Ion: 75 Resp: 18358
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.9 38.9
 110 1.2 28.3 42.5#

