

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051524\
 Data File : VU058901.D
 Acq On : 15 May 2024 13:37
 Operator : MD/SY
 Sample : P2392-16DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

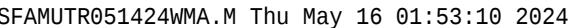
Quant Time: May 16 01:53:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 16 01:51:35 2024
 Response via : Initial Calibration

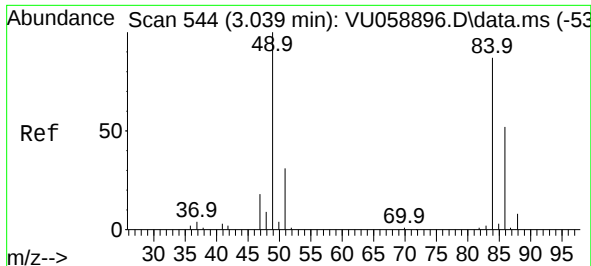
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	146736	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	147940	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67634	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	41845	4.708	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.911	69	40775	5.075	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.563	65	17405	4.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.631	46	140698	60.884	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.760%
24) Chloroform-d	5.055	84	93657	5.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.695	65	49643	5.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.721	84	174401	5.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	6.685	67	61706	5.454	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.891	98	139987	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.177	79	20048	5.163	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.200%
46) 2-Hexanone-d5	8.627	63	100389	53.873	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.740%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52344	5.357	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	55165	5.423	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						
16) Methylene chloride	3.043	84	8981	0.724	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	44282	3.996	ug/L	97
25) Chloroform	5.084	83	7062	0.336	ug/L	92
34) Trichloroethene	6.538	95	8300	0.722	ug/L	95
35) Methylcyclohexane	6.685	83	13934	0.849	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	6524	0.529	ug/L #	90
47) Tetrachloroethene	8.550	164	29413	3.589	ug/L	98
49) Dibromochloromethane	8.547	129	29457	3.217	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	8850	1.271	ug/L #	70

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

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QLast Update : Thu May 16 01:51:35 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.724 ug/L

RT: 3.043 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU058901.D

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Instrument :

MSVOA_U

ClientSampleId :

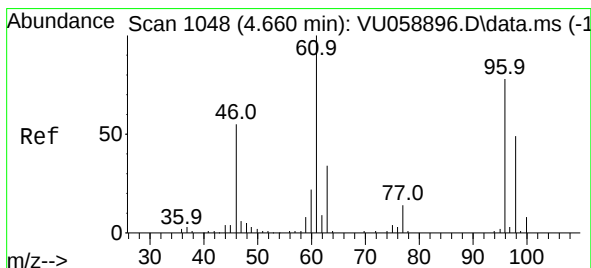
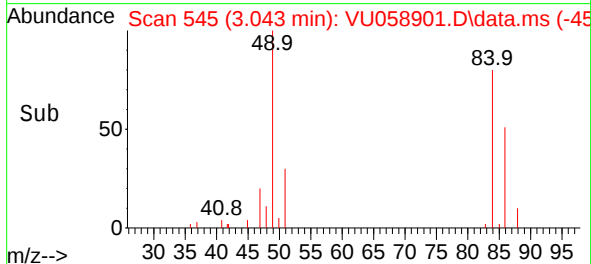
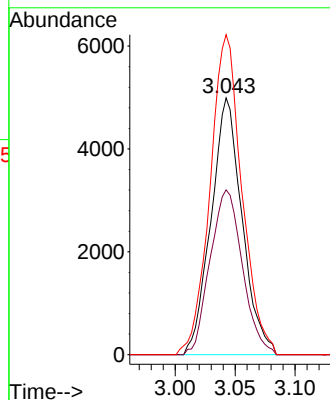
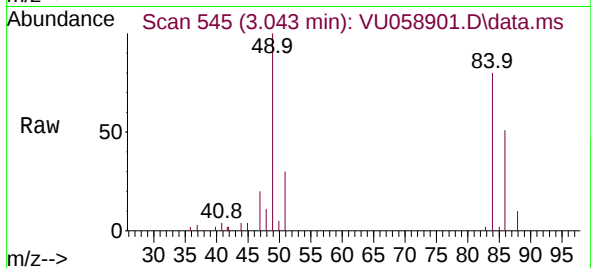
Tgt Ion: 84 Resp: 8981

Ion Ratio Lower Upper

84 100

86 64.2 42.1 78.1

49 124.6 80.6 149.8



#22

cis-1,2-Dichloroethene

Concen: 3.996 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU058901.D

Acq: 15 May 2024 13:37

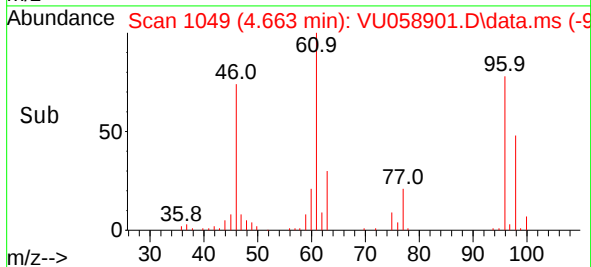
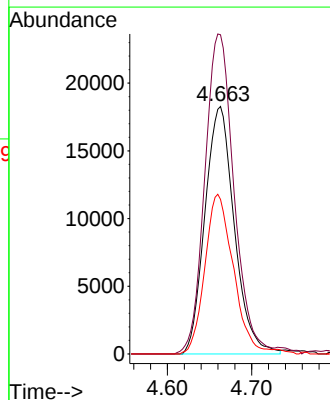
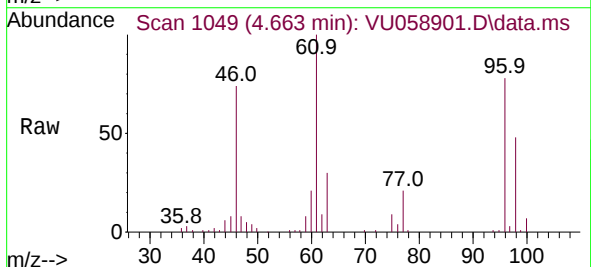
Tgt Ion: 96 Resp: 44282

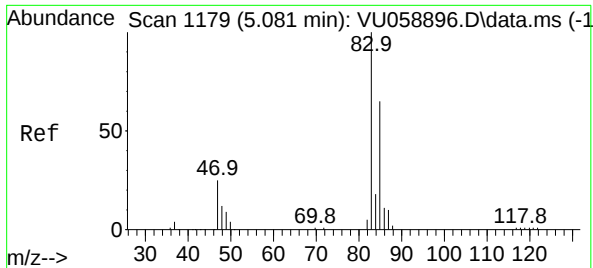
Ion Ratio Lower Upper

96 100

61 128.9 87.4 162.2

98 62.5 42.3 78.5





#25

Chloroform

Concen: 0.336 ug/L

RT: 5.084 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VU058901.D

Acq: 15 May 2024 13:37

Instrument :

MSVOA_U

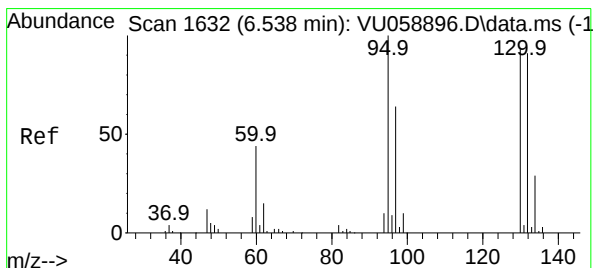
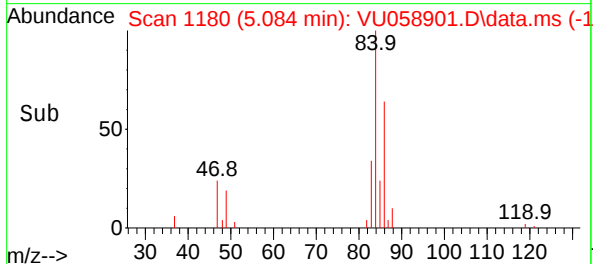
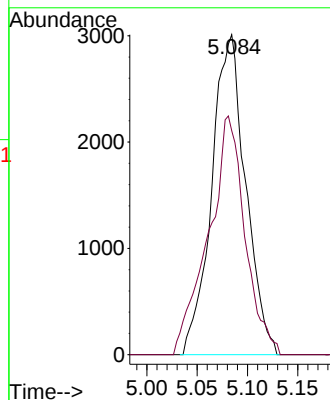
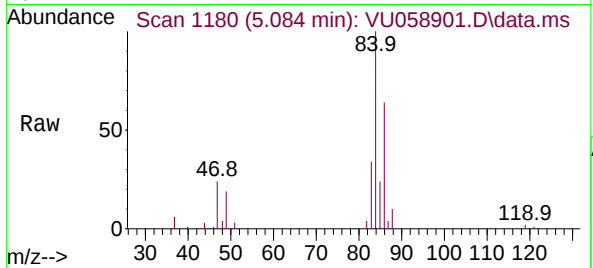
ClientSampleId :

Tgt Ion: 83 Resp: 7062

Ion Ratio Lower Upper

83 100

85 70.0 44.7 83.1



#34

Trichloroethene

Concen: 0.722 ug/L

RT: 6.538 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU058901.D

Acq: 15 May 2024 13:37

Tgt Ion: 95 Resp: 8300

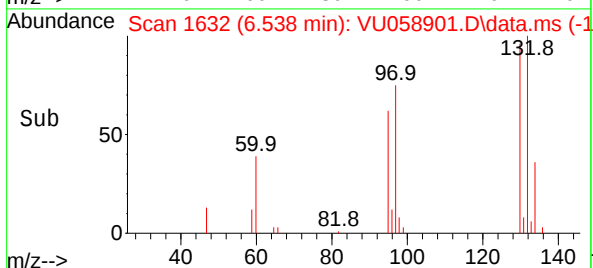
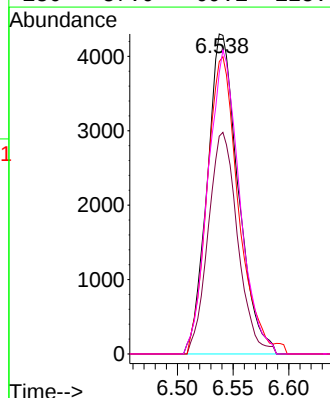
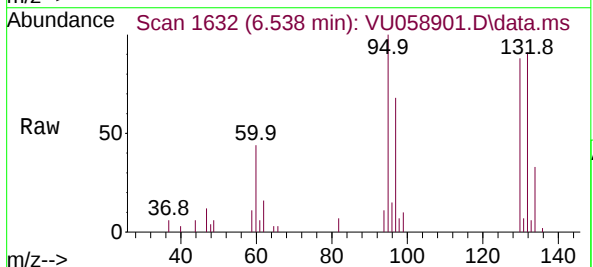
Ion Ratio Lower Upper

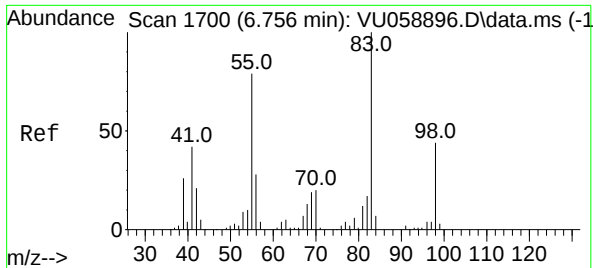
95 100

97 68.1 45.3 84.1

132 91.4 64.0 119.0

130 87.9 69.1 128.3





#35

Methylcyclohexane

Concen: 0.849 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU058901.D

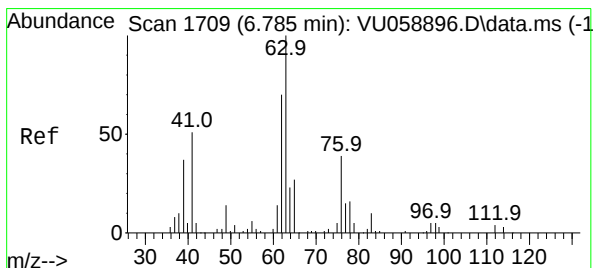
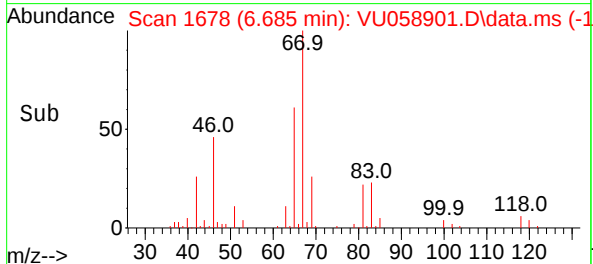
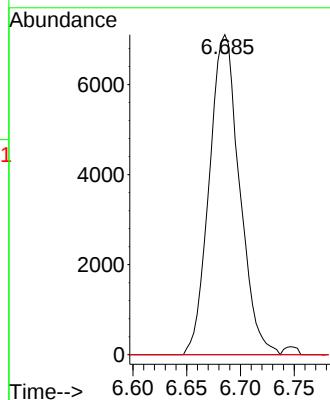
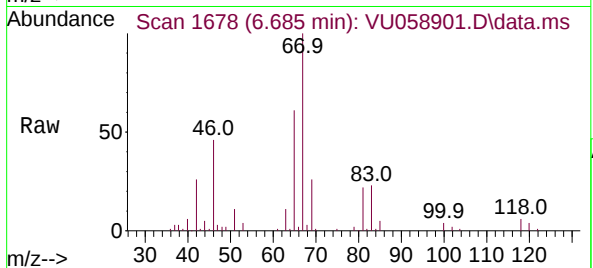
Acq: 15 May 2024 13:37

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 13934
Ion Ratio	Lower Upper
83	100
55	0.0 62.7 94.1#
98	3.3 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.529 ug/L

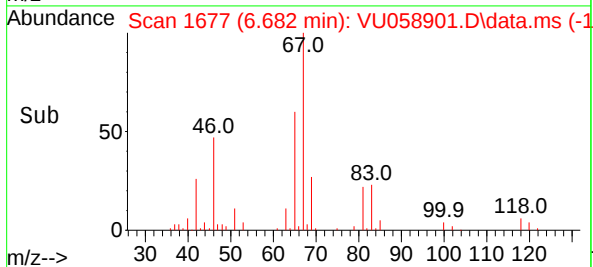
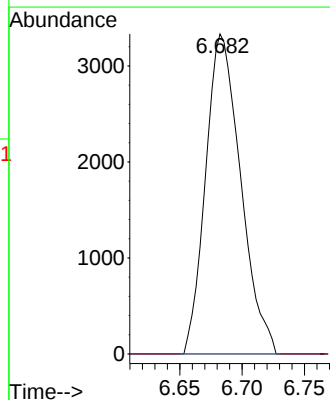
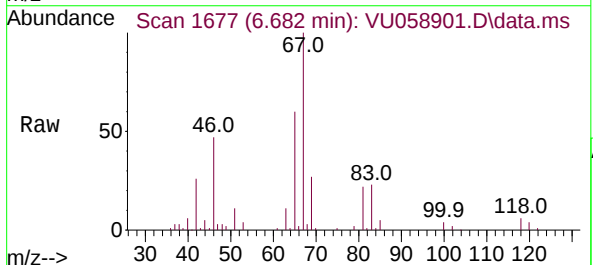
RT: 6.682 min Scan# 1677

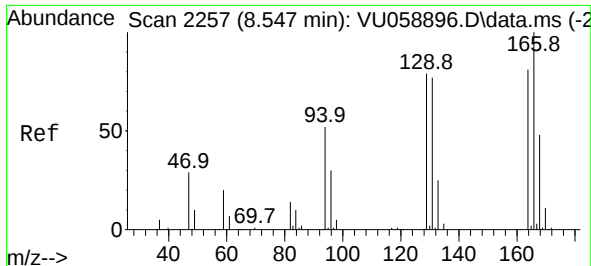
Delta R.T. -0.103 min

Lab File: VU058901.D

Acq: 15 May 2024 13:37

Tgt Ion: 63	Resp: 6524
Ion Ratio	Lower Upper
63	100
112	0.0 2.6 3.8#





#47

Tetrachloroethene

Concen: 3.589 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.003 min

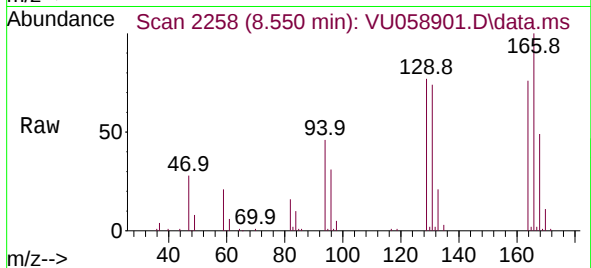
Lab File: VU058901.D

Acq: 15 May 2024 13:37

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 29413

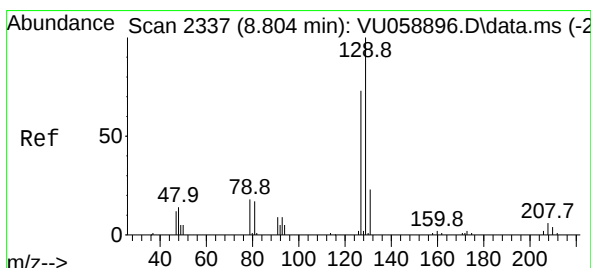
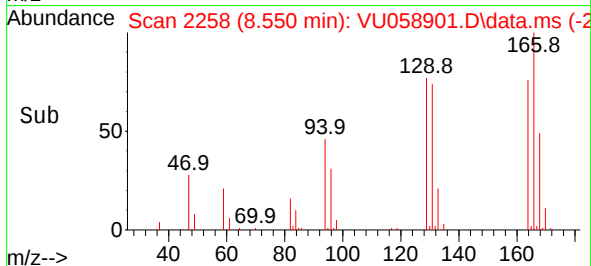
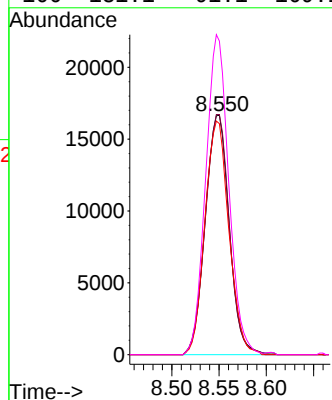
Ion Ratio Lower Upper

164 100

129 100.3 70.8 131.4

131 96.5 64.8 120.3

166 131.1 91.1 169.1



#49

Dibromochloromethane

Concen: 3.217 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU058901.D

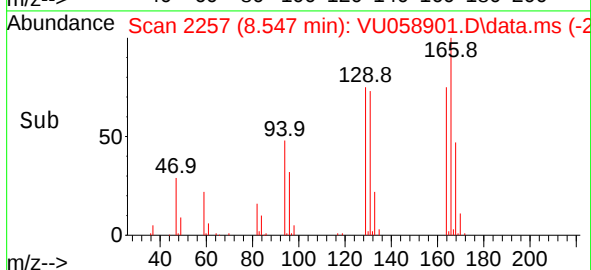
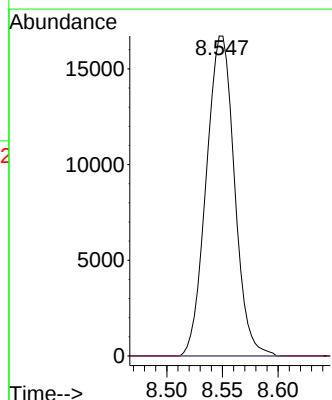
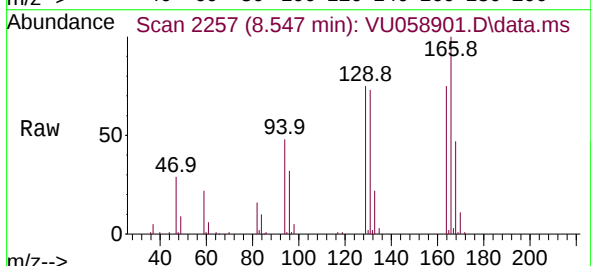
Acq: 15 May 2024 13:37

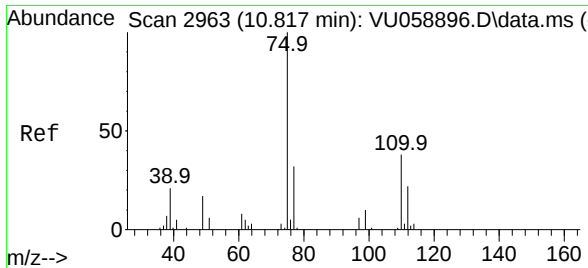
Tgt Ion:129 Resp: 29457

Ion Ratio Lower Upper

129 100

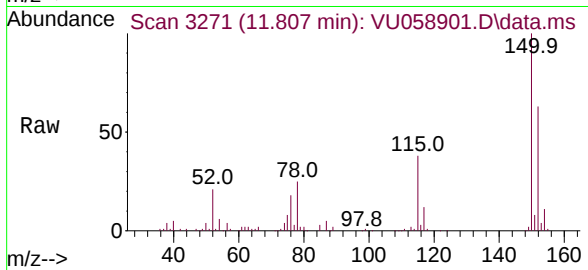
127 0.0 52.5 97.5#





#61
1,2,3-Trichloropropane
Concen: 1.271 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU058901.D
Acq: 15 May 2024 13:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.3	27.1	40.7#
77	30.3	25.4	38.2

