

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056479.D
 Acq On : 18 Nov 2023 14:45
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 23:13:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

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

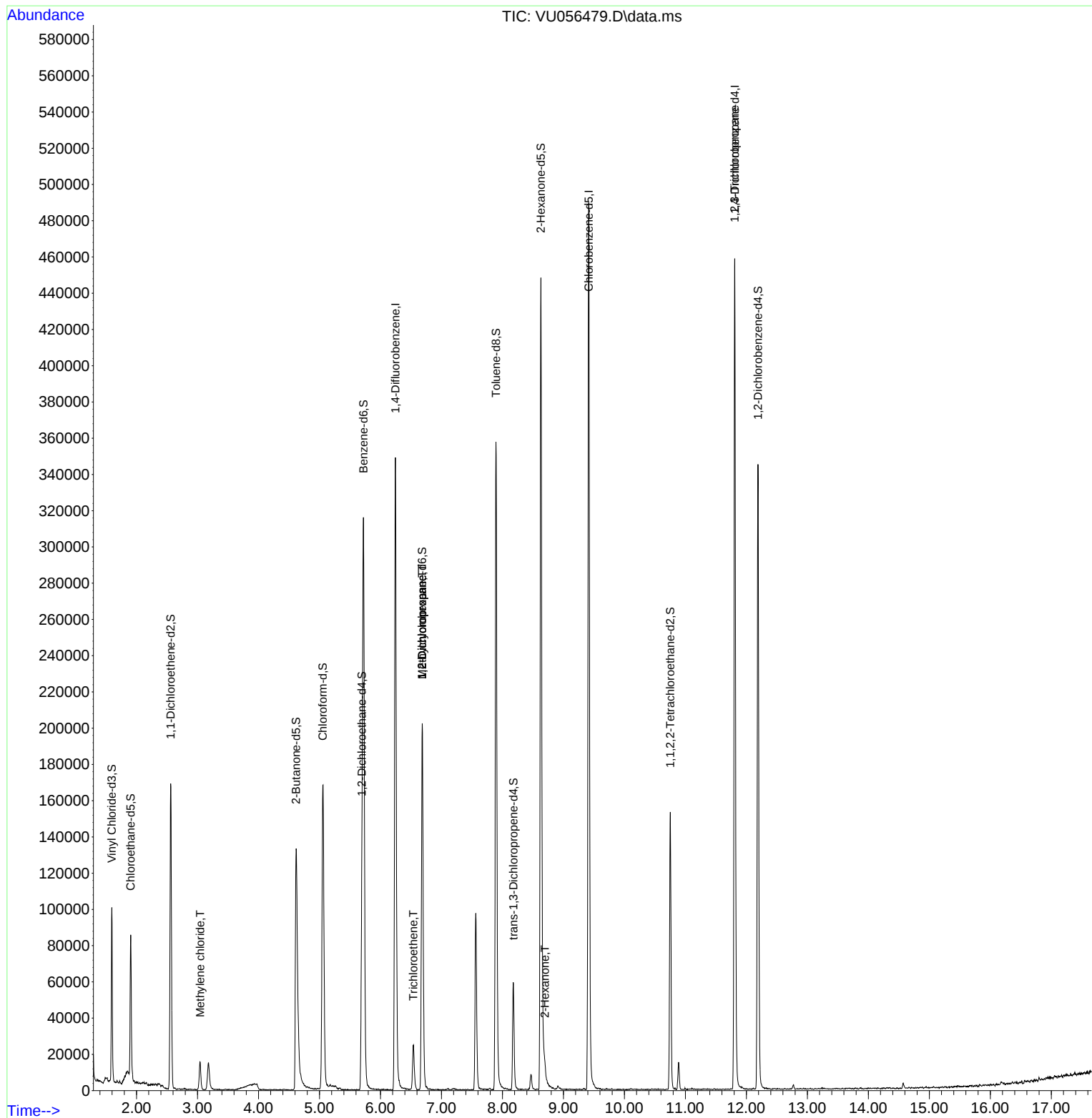
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	282422	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	278968	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	121846	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	68324	3.234	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.600%
7) Chloroethane-d5	1.904	69	63305	3.909	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.560	65	32095	3.443	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	4.618	46	197450	46.876	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.760%
24) Chloroform-d	5.055	84	163046	3.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
26) 1,2-Dichloroethane-d4	5.695	65	82533	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.721	84	298441	3.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
36) 1,2-Dichloropropane-d6	6.685	67	97309	3.885	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.600%
41) Toluene-d8	7.894	98	253647	3.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	8.181	79	35916	3.738	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.631	63	154759	40.991	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.980%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	76736	4.287	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	92199	4.096	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	7928	0.347	ug/L	80
34) Trichloroethene	6.541	95	8042	0.371	ug/L	95
35) Methylcyclohexane	6.685	83	23753	0.759	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	11247	0.542	ug/L #	89
48) 2-Hexanone	8.698	43	8406	1.049	ug/L #	74
61) 1,2,3-Trichloropropane	11.807	75	14104	1.349	ug/L #	67

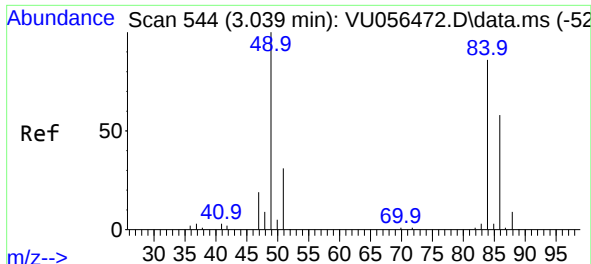
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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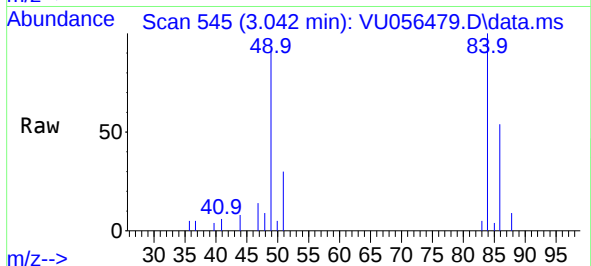
Quant Time: Nov 18 23:13:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
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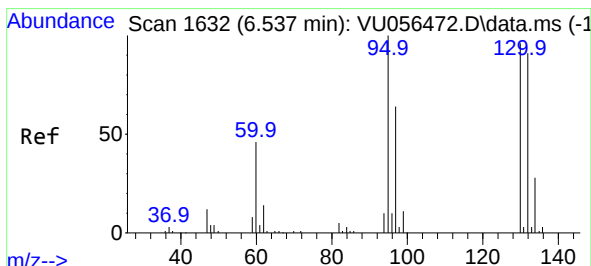
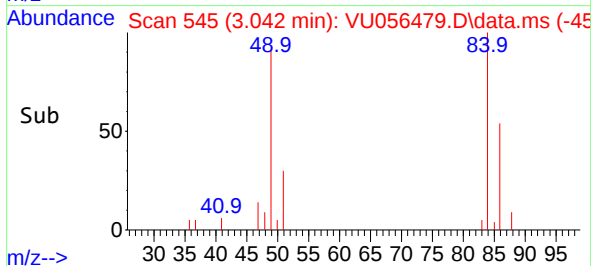
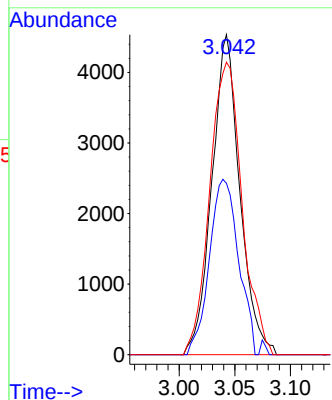
#16
Methylene chloride
Concen: 0.347 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056479.D
Acq: 18 Nov 2023 14:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 7928

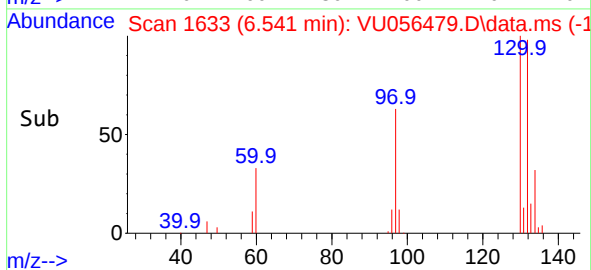
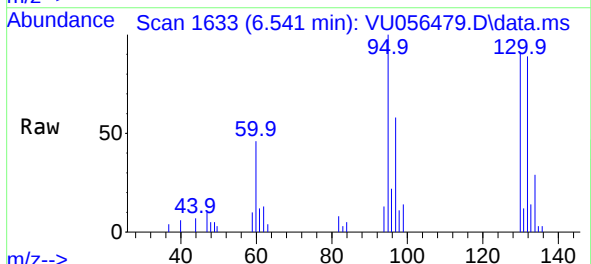
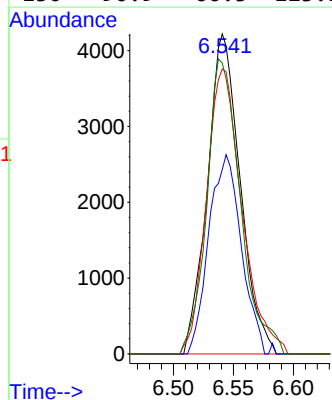
Ion	Ratio	Lower	Upper
84	100		
86	53.6	44.7	83.1
49	91.4	81.8	152.0

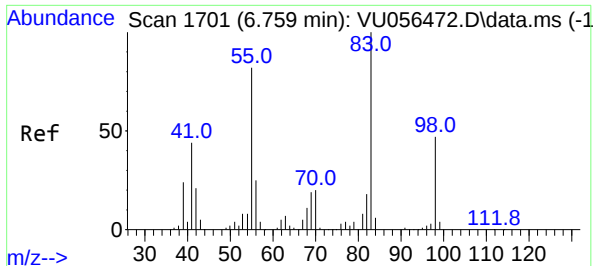


#34
Trichloroethene
Concen: 0.371 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU056479.D
Acq: 18 Nov 2023 14:45

Tgt Ion: 95 Resp: 8042

Ion	Ratio	Lower	Upper
95	100		
97	57.6	46.5	86.3
132	89.1	62.0	115.2
130	90.9	66.3	123.1





#35

Methylcyclohexane

Concen: 0.759 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056479.D

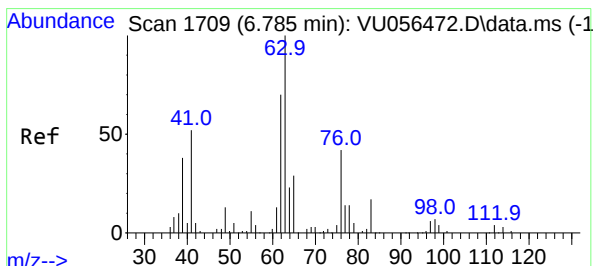
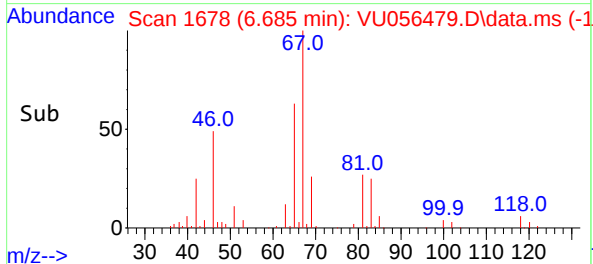
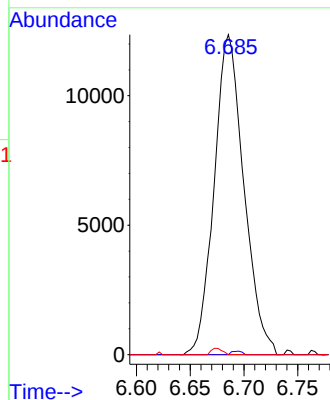
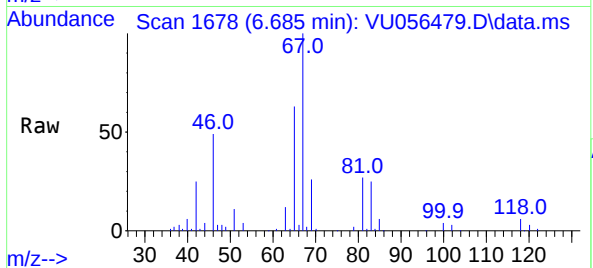
Acq: 18 Nov 2023 14:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	23753
Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.9	94.3#
98	0.7	35.3	52.9#



#37

1,2-Dichloropropane

Concen: 0.542 ug/L

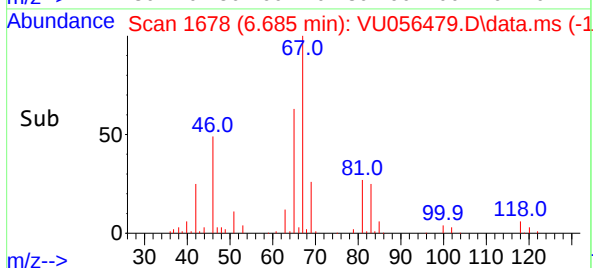
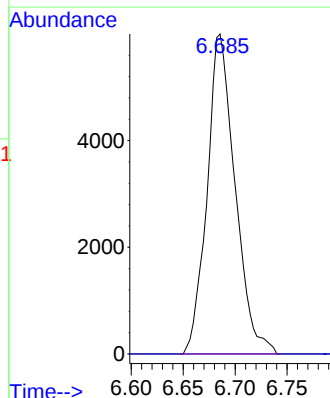
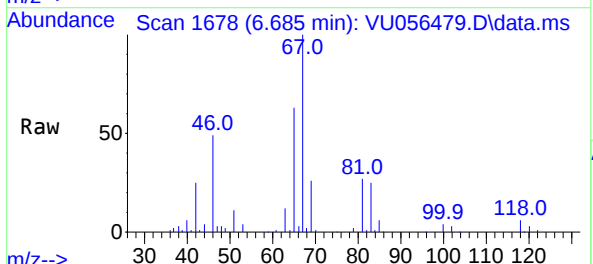
RT: 6.685 min Scan# 1678

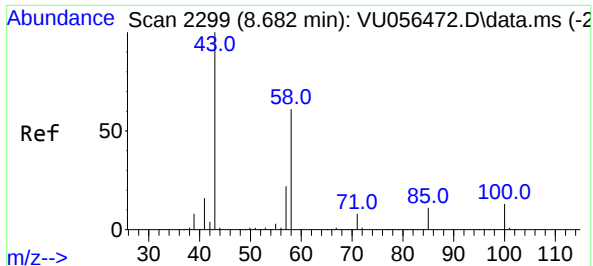
Delta R.T. -0.100 min

Lab File: VU056479.D

Acq: 18 Nov 2023 14:45

Tgt Ion:	63	Resp:	11247
Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.2	4.8#

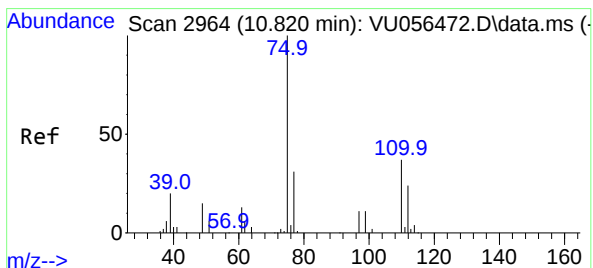
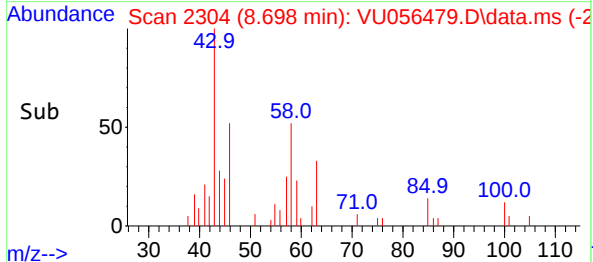
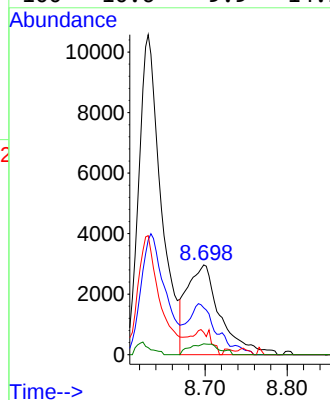
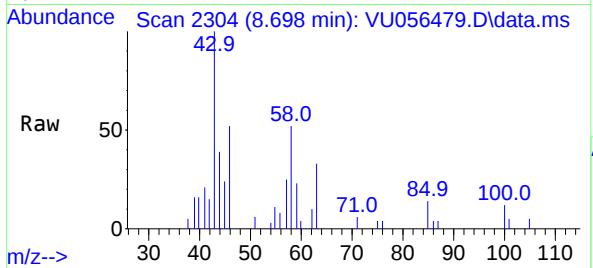




#48
2-Hexanone
Concen: 1.049 ug/L
RT: 8.698 min Scan# 21
Delta R.T. 0.019 min
Lab File: VU056479.D
Acq: 18 Nov 2023 14:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 8406
Ion Ratio	Lower Upper
43	100
58	35.2 48.7 73.1#
57	12.5 16.8 25.2#
100	10.6 9.9 14.9



#61
1,2,3-Trichloropropane
Concen: 1.349 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056479.D
Acq: 18 Nov 2023 14:45

Tgt Ion: 75	Resp: 14104
Ion Ratio	Lower Upper
75	100
110	2.6 30.4 45.6#
77	36.5 27.0 40.6

