

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
 Data File : VU055456.D
 Acq On : 22 Sep 2023 13:49
 Operator : MD/SY
 Sample : 04555-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 01:10:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

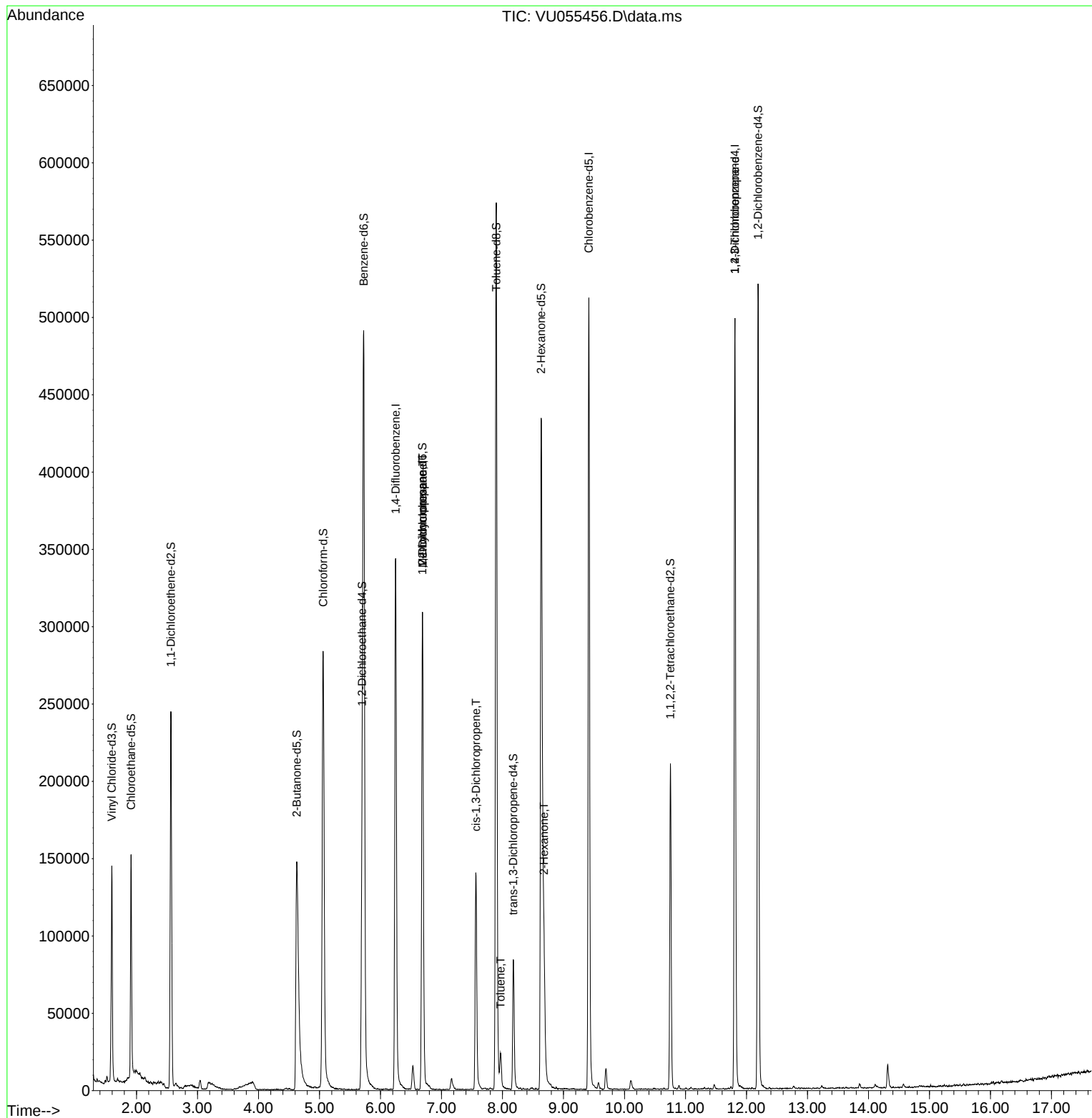
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	284663	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	290396	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	135122	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	94867	3.297	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.000%	
7) Chloroethane-d5	1.911	69	98819	3.898	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.000%	
11) 1,1-Dichloroethene-d2	2.563	65	45780	3.866	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.400%	
20) 2-Butanone-d5	4.627	46	266299	51.244	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.480%	
24) Chloroform-d	5.058	84	245172	4.711	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	5.698	65	127347	5.087	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
32) Benzene-d6	5.724	84	474270	4.669	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
36) 1,2-Dichloropropane-d6	6.685	67	149649	4.931	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.897	98	397181	4.290	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.800%	
43) trans-1,3-Dichloroprop...	8.177	79	49757	4.672	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.400%	
46) 2-Hexanone-d5	8.634	63	137217	42.357	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.720%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	106004	4.661	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	138927	5.094	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.800%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.688	83	35471	1.042	ug/L #	20
37) 1,2-Dichloropropane	6.688	63	16603	0.760	ug/L #	91
39) cis-1,3-Dichloropropene	7.566	75	4004	0.137	ug/L #	56
42) Toluene	7.968	91	15894	0.178	ug/L	100
48) 2-Hexanone	8.679	43	49144	6.395	ug/L #	81
61) 1,2,3-Trichloropropane	11.810	75	15551	1.474	ug/L #	65

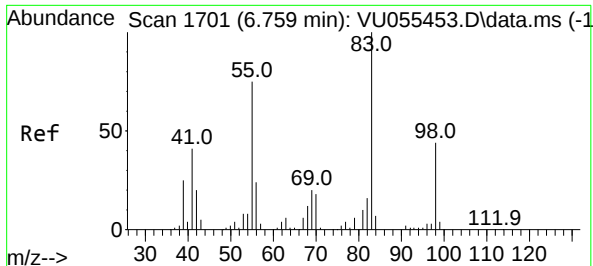
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
Data File : VU055456.D
Acq On : 22 Sep 2023 13:49
Operator : MD/SY
Sample : 04555-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 25 01:10:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Sep 25 01:08:17 2023
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 1.042 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU055456.D

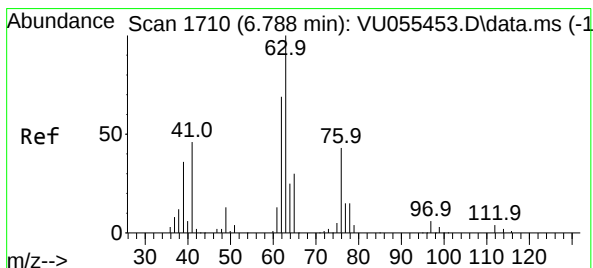
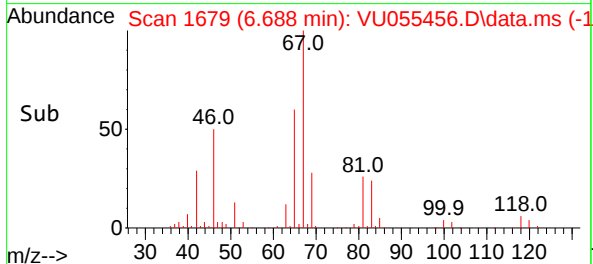
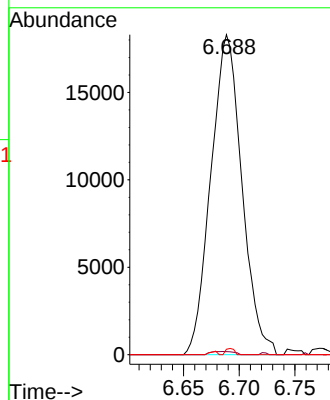
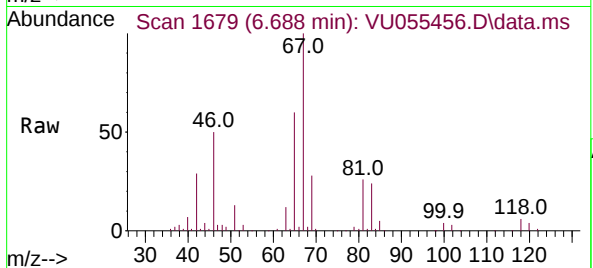
Acq: 22 Sep 2023 13:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 35471
Ion Ratio	Lower Upper
83	100
55	0.8 59.1 88.7#
98	0.5 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.760 ug/L

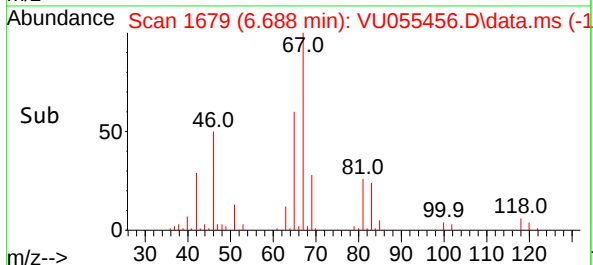
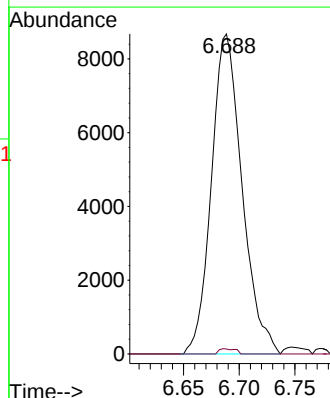
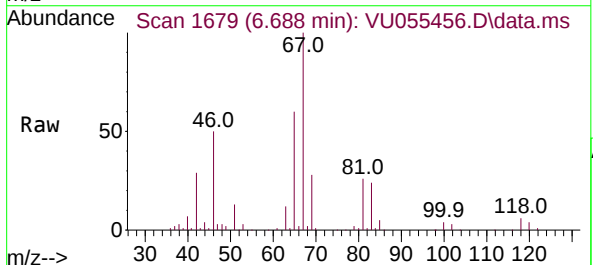
RT: 6.688 min Scan# 1679

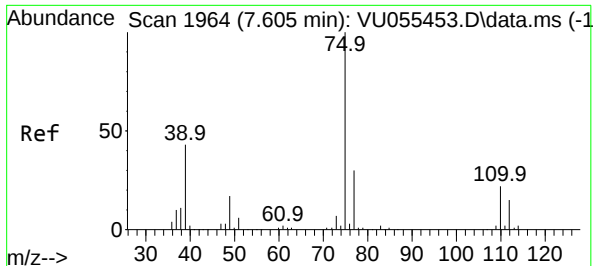
Delta R.T. -0.100 min

Lab File: VU055456.D

Acq: 22 Sep 2023 13:49

Tgt Ion: 63	Resp: 16603
Ion Ratio	Lower Upper
63	100
112	0.9 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.137 ug/L

RT: 7.566 min Scan# 1964

Delta R.T. -0.039 min

Lab File: VU055456.D

Acq: 22 Sep 2023 13:49

Instrument :

MSVOA_U

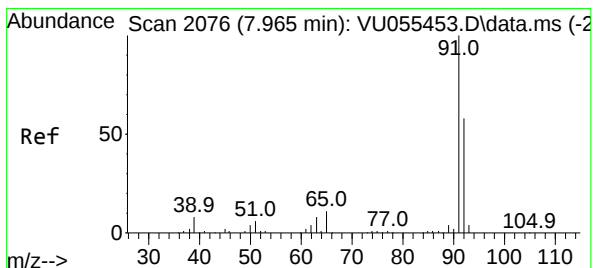
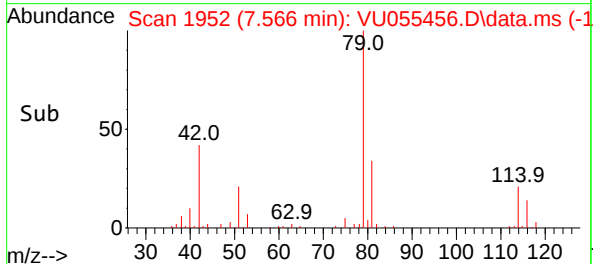
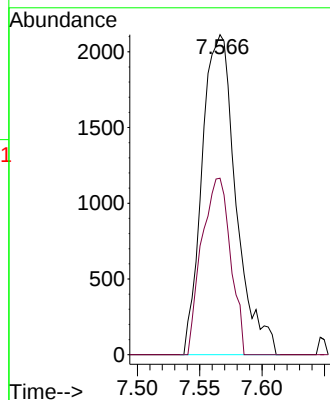
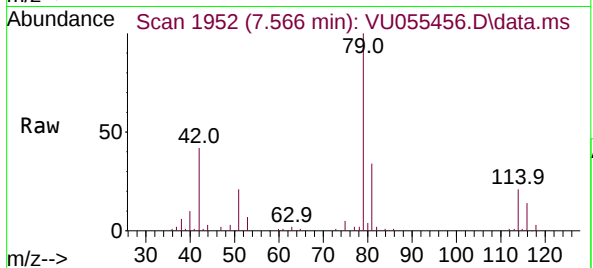
ClientSampleId :

Tgt Ion: 75 Resp: 4004

Ion Ratio Lower Upper

75 100

77 55.2 21.6 40.2#



#42

Toluene

Concen: 0.178 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU055456.D

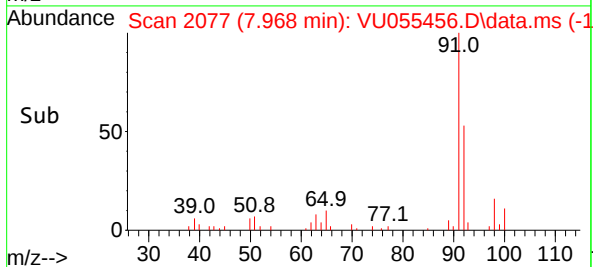
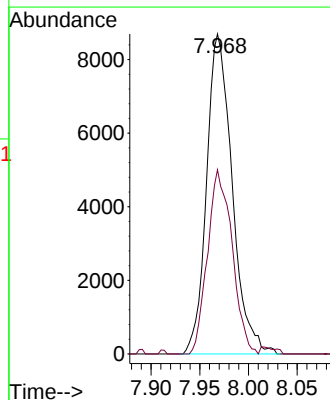
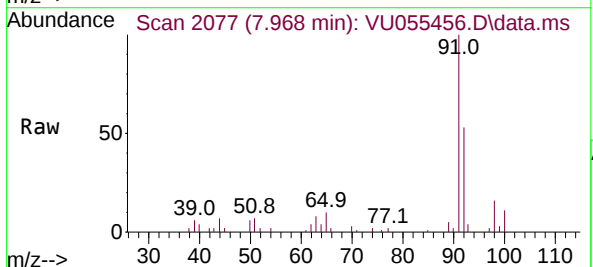
Acq: 22 Sep 2023 13:49

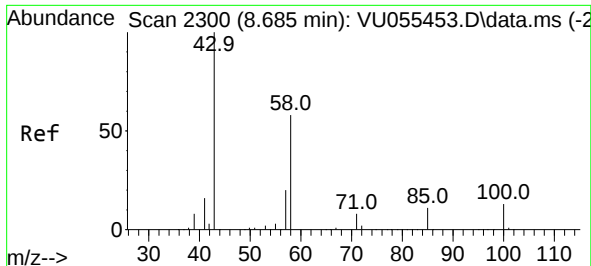
Tgt Ion: 91 Resp: 15894

Ion Ratio Lower Upper

91 100

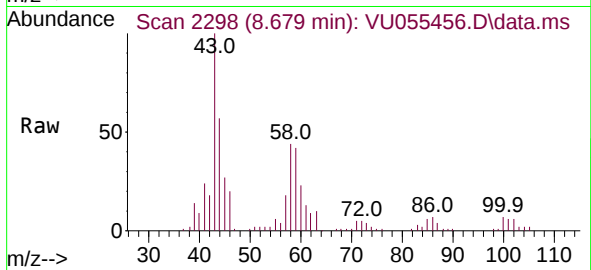
92 57.6 40.3 74.8



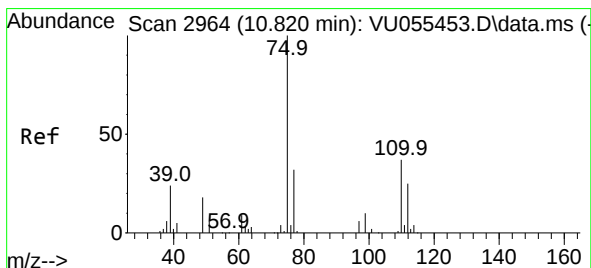
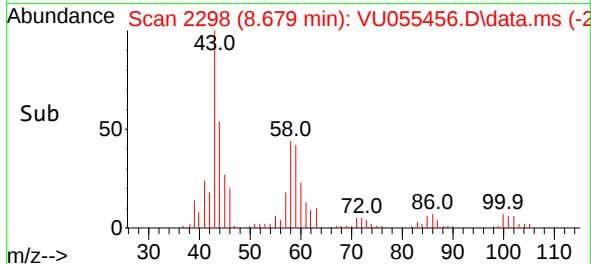
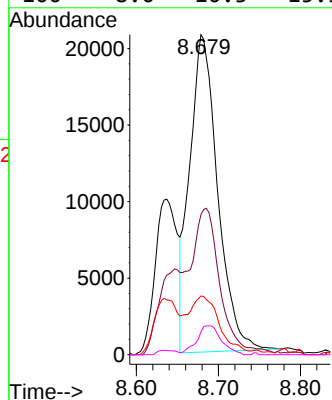


#48
2-Hexanone
Concen: 6.395 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU055456.D
Acq: 22 Sep 2023 13:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	49144
Ion	Ratio	Lower	Upper
43	100		
58	42.4	48.5	72.7#
57	17.7	17.0	25.4
100	8.0	10.3	15.5#



#61
1,2,3-Trichloropropane
Concen: 1.474 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055456.D
Acq: 22 Sep 2023 13:49

Tgt Ion:	75	Resp:	15551
Ion	Ratio	Lower	Upper
75	100		
110	3.1	30.6	45.8#
77	38.8	26.7	40.1

