

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101623\
 Data File : VU055767.D
 Acq On : 16 Oct 2023 13:11
 Operator : MD/SY
 Sample : VU1016WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 17 05:07:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 17 05:06:35 2023
 Response via : Initial Calibration

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

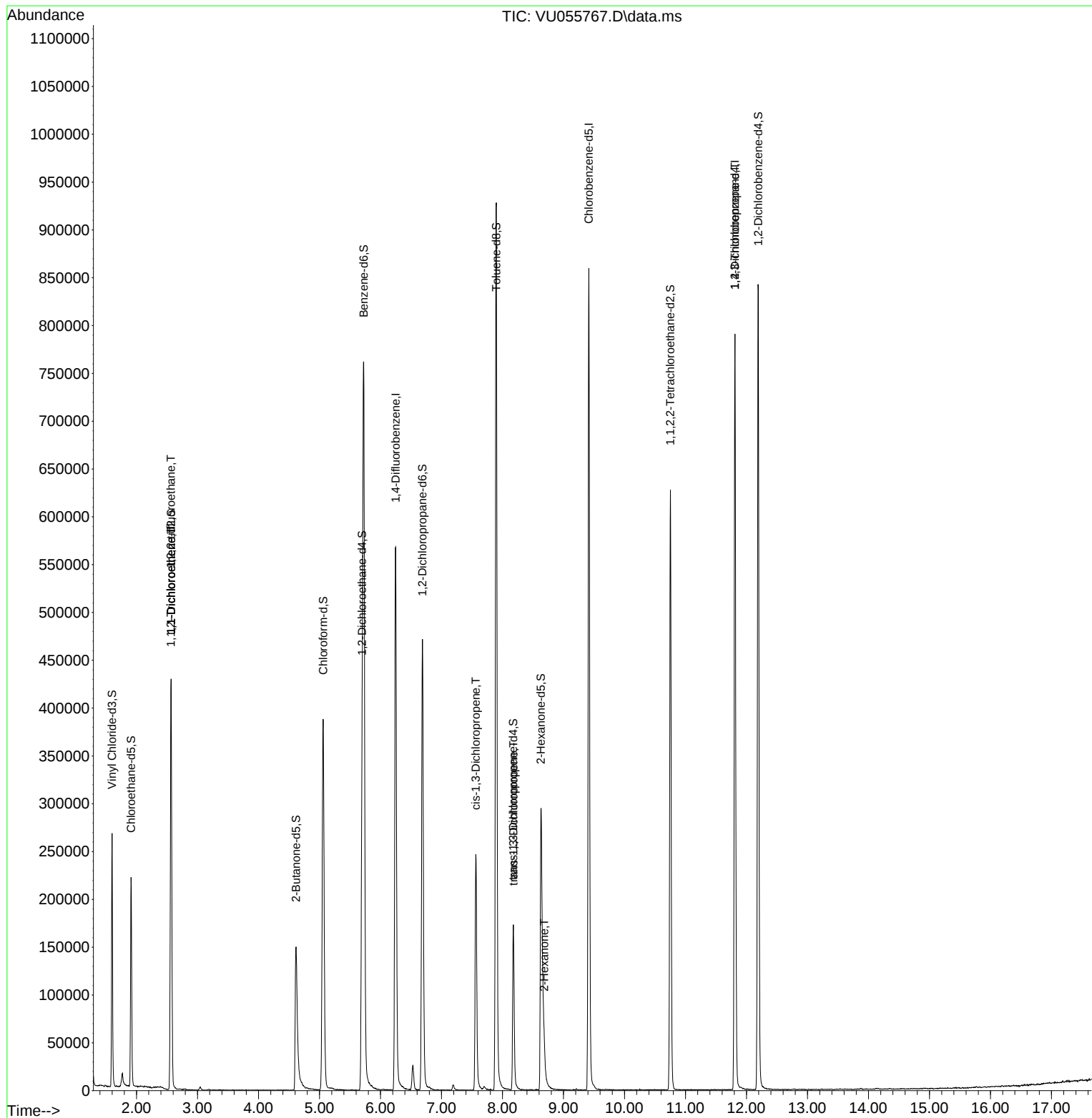
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	463262	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	472320	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	209459	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	182927	44.023	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.040%
7) Chloroethane-d5	1.911	69	158171	46.567	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.140%
11) 1,1-Dichloroethene-d2	2.567	63	260681	35.184	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.360%
21) 2-Butanone-d5	4.615	46	220821	71.719	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.720%
24) Chloroform-d	5.058	84	370004	46.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.900%
26) 1,2-Dichloroethane-d4	5.698	65	243235	49.607	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.220%
32) Benzene-d6	5.724	84	720572	47.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.360%
36) 1,2-Dichloropropane-d6	6.685	67	230397	48.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.320%
41) Toluene-d8	7.898	98	633930	46.456	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.920%
43) trans-1,3-Dichloroprop...	8.177	79	102974	44.807	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.620%
47) 2-Hexanone-d5	8.631	63	93913	49.933	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	49.930%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	313202	42.531	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.060%
66) 1,2-Dichlorobenzene-d4	12.193	152	223038	53.659	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.320%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	2513	0.681	ug/L #	20
12) 1,1-Dichloroethene	2.567	96	2160	0.658	ug/L #	1
39) cis-1,3-Dichloropropene	7.563	75	7081	1.132	ug/L #	64
44) trans-1,3-Dichloropropene	8.181	75	5066	0.847	ug/L	98
48) 2-Hexanone	8.685	43	27684	5.730	ug/L #	84
60) 1,2,3-Trichloropropane	11.811	75	25616	5.635	ug/L #	68

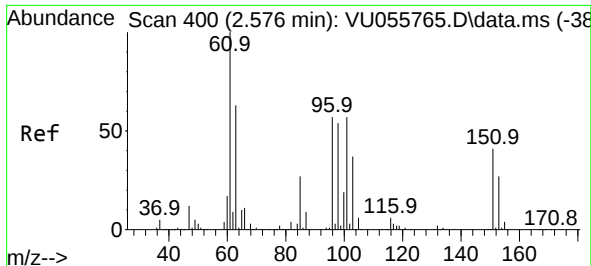
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 17 05:07:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 17 05:06:35 2023
Response via : Initial Calibration

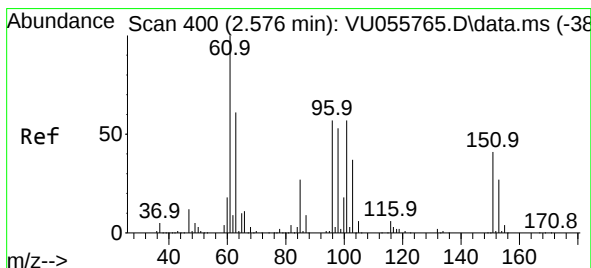
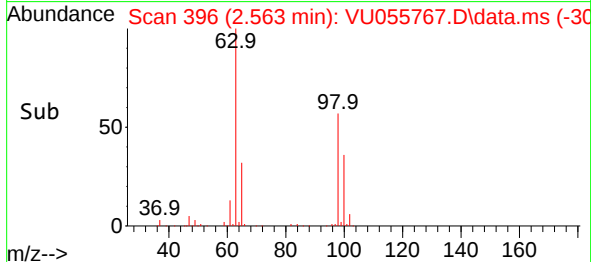
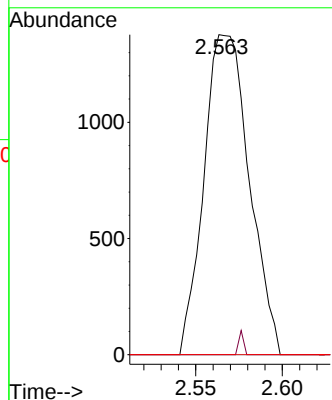
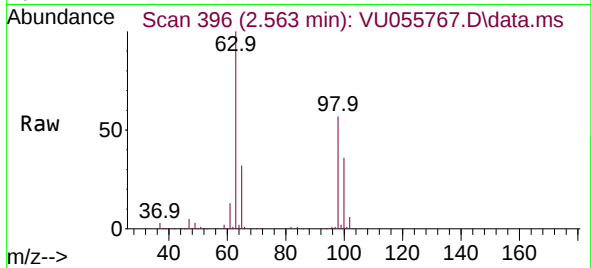




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.681 ug/L
 RT: 2.563 min Scan# 396
 Delta R.T. -0.013 min
 Lab File: VU055767.D
 Acq: 16 Oct 2023 13:11

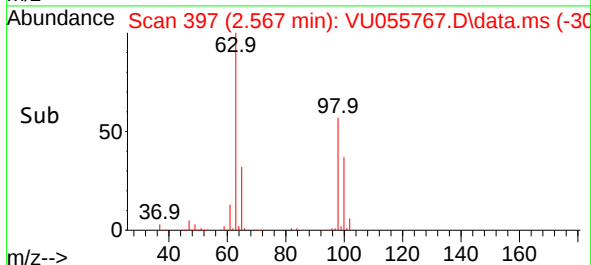
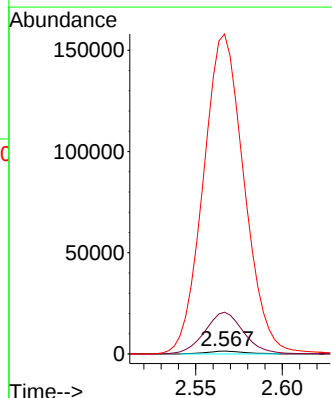
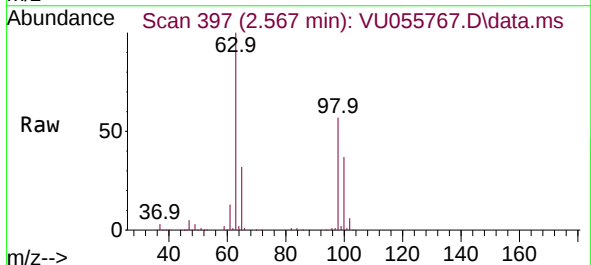
Instrument :
 MSVOA_U
 ClientSampleId :

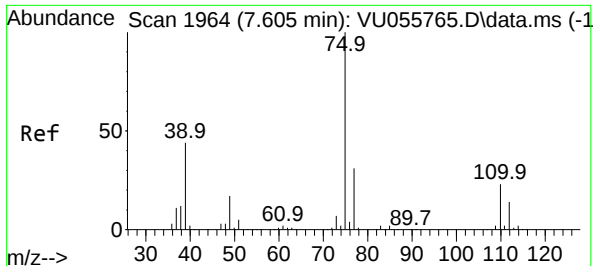
Tgt Ion:101 Resp: 2513
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.1 55.7#
 151 0.0 58.2 87.4#



#12
 1,1-Dichloroethene
 Concen: 0.658 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.009 min
 Lab File: VU055767.D
 Acq: 16 Oct 2023 13:11

Tgt Ion: 96 Resp: 2160
 Ion Ratio Lower Upper
 96 100
 61 1450.5 122.0 226.6#
 63 11108.9 93.7 174.1#





#39

cis-1,3-Dichloropropene

Concen: 1.132 ug/L

RT: 7.563 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU055767.D

Acq: 16 Oct 2023 13:11

Instrument :

MSVOA_U

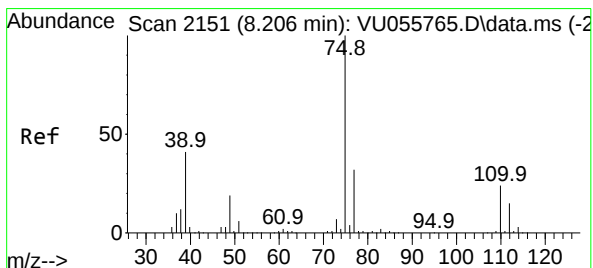
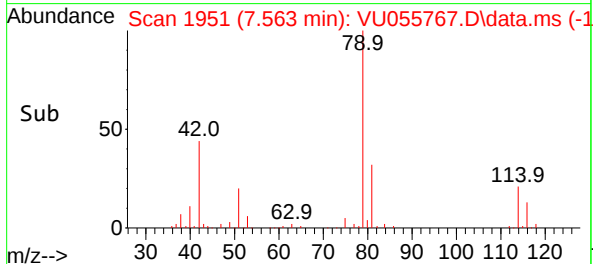
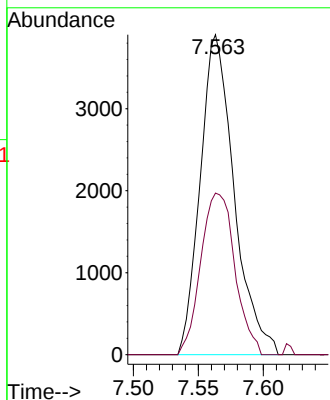
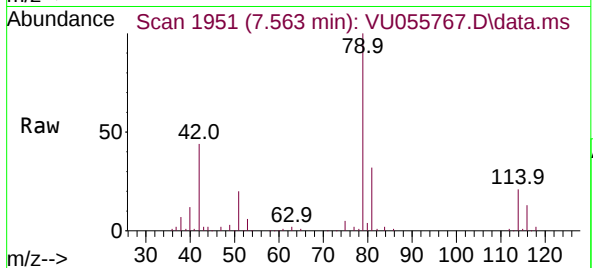
ClientSampleId :

Tgt Ion: 75 Resp: 7081

Ion Ratio Lower Upper

75 100

77 50.5 21.7 40.3#



#44

trans-1,3-Dichloropropene

Concen: 0.847 ug/L

RT: 8.181 min Scan# 2143

Delta R.T. -0.026 min

Lab File: VU055767.D

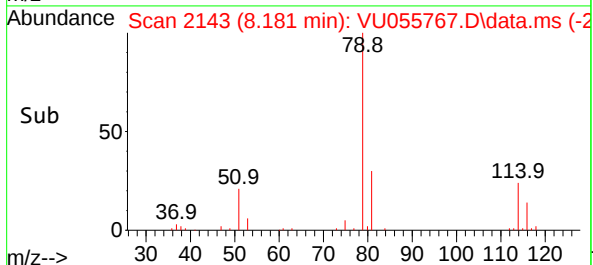
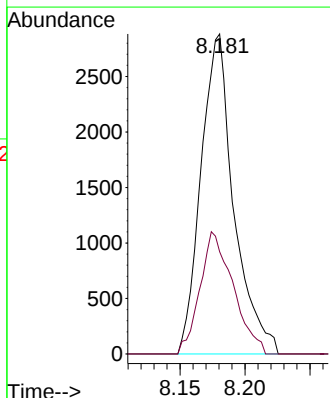
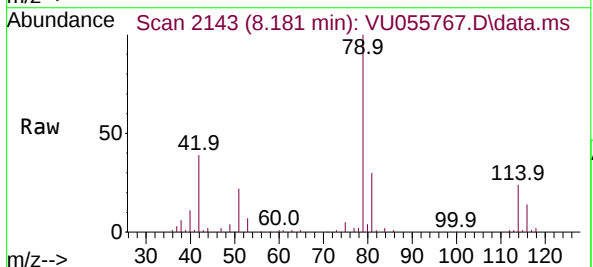
Acq: 16 Oct 2023 13:11

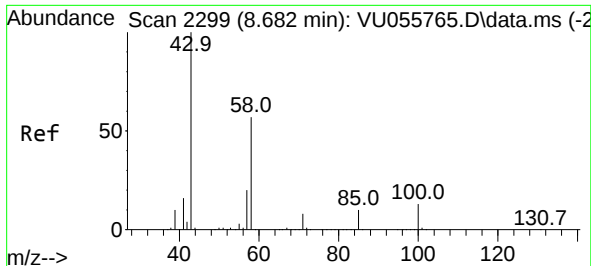
Tgt Ion: 75 Resp: 5066

Ion Ratio Lower Upper

75 100

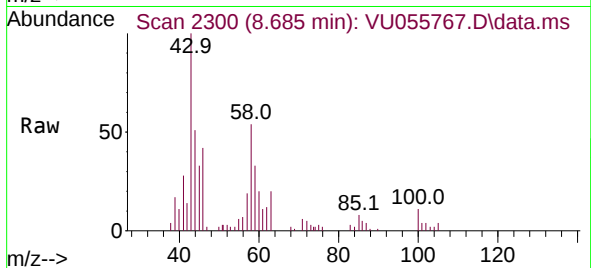
77 32.0 21.6 40.2



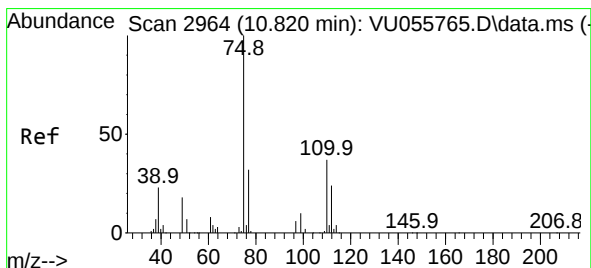
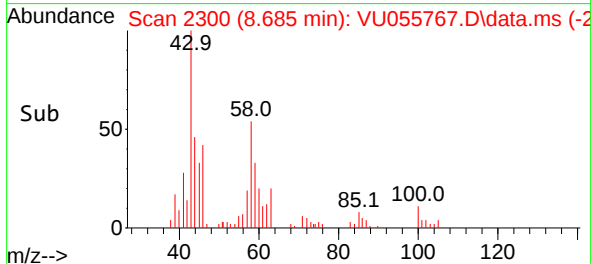
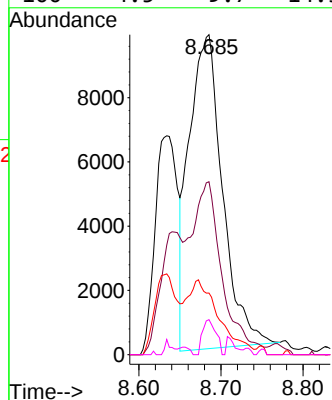


#48
2-Hexanone
Concen: 5.730 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055767.D
Acq: 16 Oct 2023 13:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	27684
Ion	Ratio	Lower	Upper
43	100		
58	41.6	45.2	67.8#
57	18.7	16.1	24.1
100	4.5	9.7	14.5#



#60
1,2,3-Trichloropropane
Concen: 5.635 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055767.D
Acq: 16 Oct 2023 13:11

Tgt Ion:	75	Resp:	25616
Ion	Ratio	Lower	Upper
75	100		
77	34.4	25.8	38.8
110	1.9	28.5	42.7#

