

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045131.D
 Acq On : 05 Oct 2021 05:34
 Operator : SY/MD
 Sample : M4025-08 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN6

Quant Time: Oct 05 07:05:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

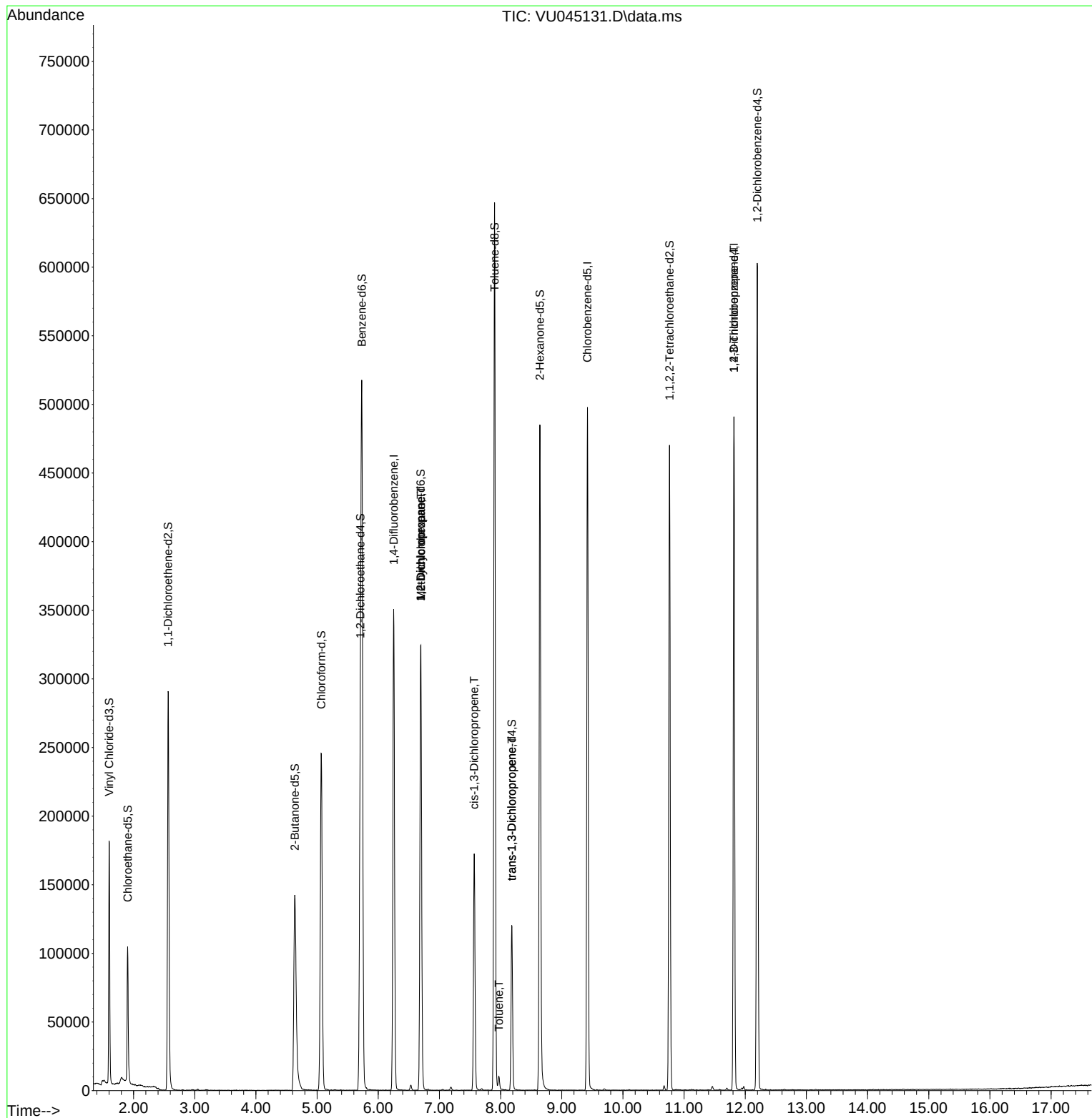
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	273869	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	260424	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	119642	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	125237	41.773	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.540%
7) Chloroethane-d5	1.903	69	65776	27.686	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	55.380%#
11) 1,1-Dichloroethene-d2	2.565	63	176221	35.001	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.000%
21) 2-Butanone-d5	4.636	46	245514	103.584	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.580%
24) Chloroform-d	5.070	84	221447	46.767	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.540%
26) 1,2-Dichloroethane-d4	5.706	65	159736	49.802	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.600%
32) Benzene-d6	5.732	84	465702	51.535	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.060%
36) 1,2-Dichloropropane-d6	6.693	67	147957	50.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.420%
41) Toluene-d8	7.902	98	407306	52.229	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.460%
43) trans-1,3-Dichloroprop...	8.182	79	64772	49.418	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.840%
47) 2-Hexanone-d5	8.642	63	174081	106.609	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.610%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	231334	50.418	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.840%
66) 1,2-Dichlorobenzene-d4	12.198	152	146369	56.215	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.420%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.697	83	34914	8.989	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	16997	6.463	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	4031	1.071	ug/L #	59
42) Toluene	7.973	91	6689	0.682	ug/L	95
44) trans-1,3-Dichloropropene	8.182	75	2881	0.805	ug/L	90
60) 1,2,3-Trichloropropane	11.815	75	16012	4.839	ug/L #	68

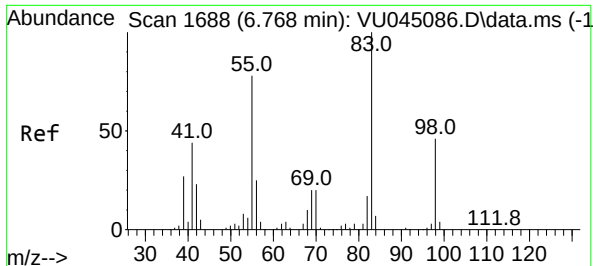
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
Data File : VU045131.D
Acq On : 05 Oct 2021 05:34
Operator : SY/MD
Sample : M4025-08 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AN6

Quant Time: Oct 05 07:05:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 05 02:41:56 2021
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 8.989 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.071 min

Lab File: VU045131.D

Acq: 05 Oct 2021 05:34

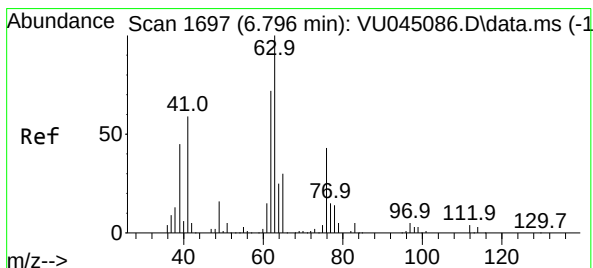
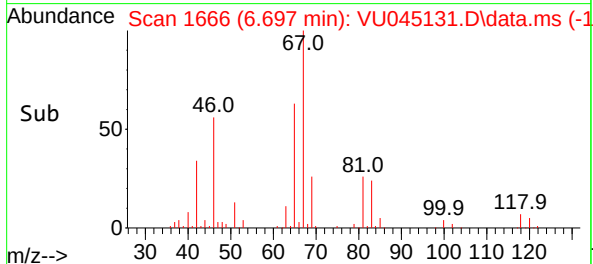
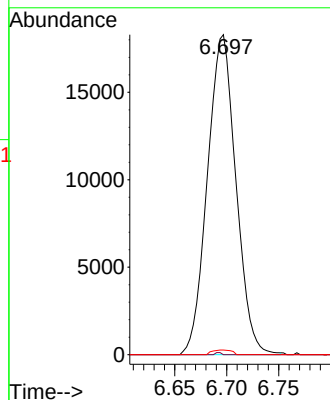
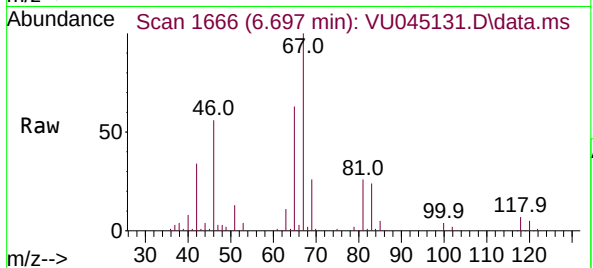
Instrument :

MSVOA_U

ClientSampleId :

C0AN6

Tgt Ion:	83	Resp:	34914
Ion Ratio	Lower	Upper	
83	100		
55	0.1	65.8	98.6#
98	1.0	37.1	55.7#



#37

1,2-Dichloropropane

Concen: 6.463 ug/L

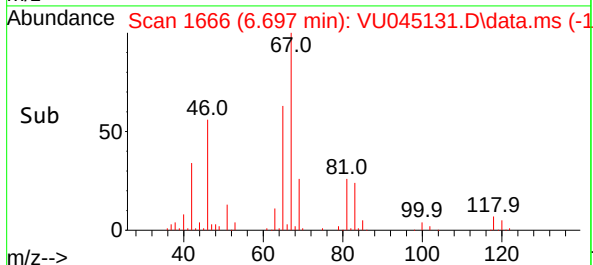
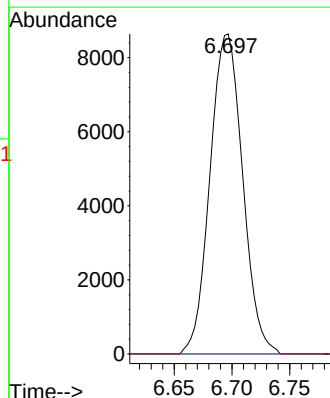
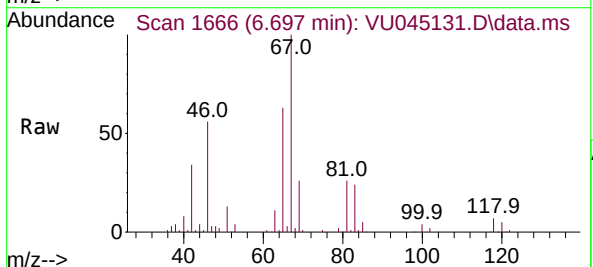
RT: 6.697 min Scan# 1666

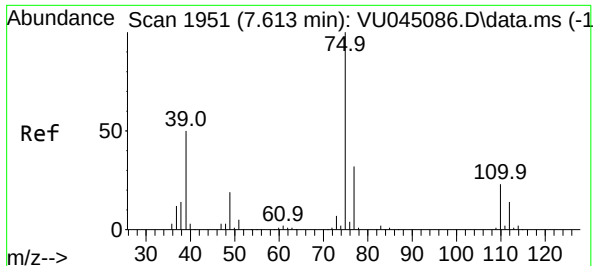
Delta R.T. -0.100 min

Lab File: VU045131.D

Acq: 05 Oct 2021 05:34

Tgt Ion:	63	Resp:	16997
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.2	4.8#



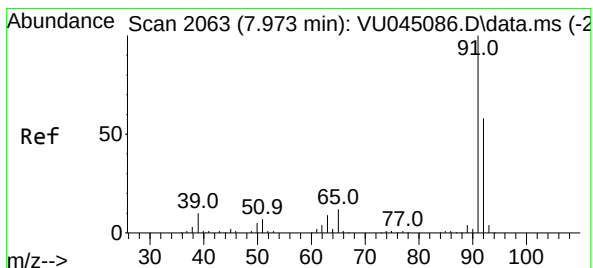
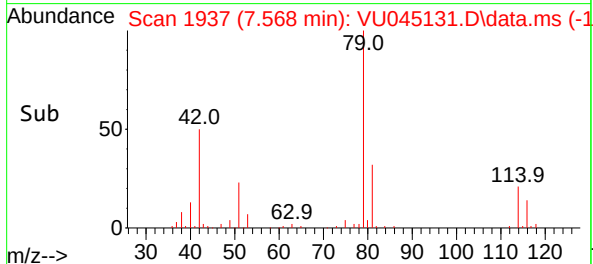
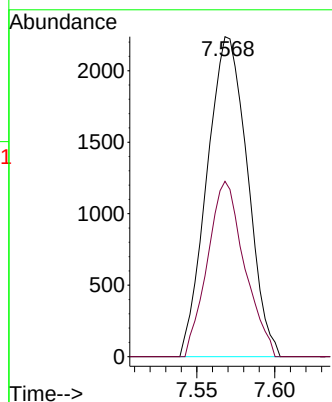
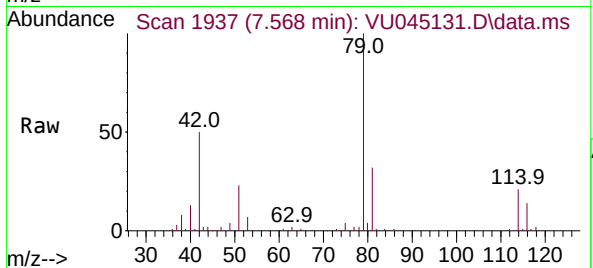


#39

cis-1,3-Dichloropropene
Concen: 1.071 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU045131.D
Acq: 05 Oct 2021 05:34

Instrument :
MSVOA_U
ClientSampled :
C0AN6

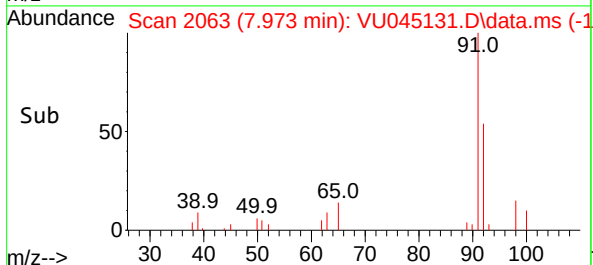
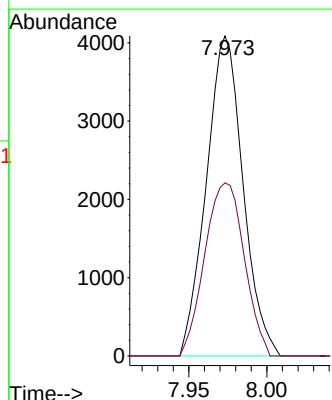
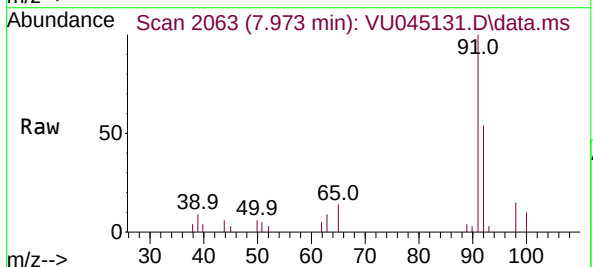
Tgt Ion: 75 Resp: 4031
Ion Ratio Lower Upper
75 100
77 54.8 22.4 41.6#

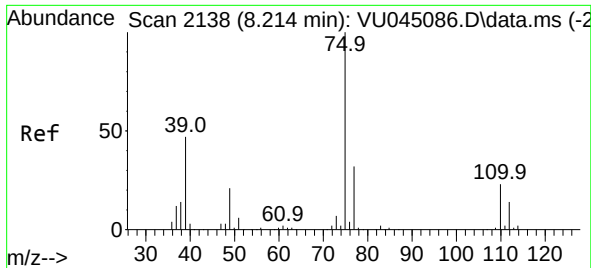


#42

Toluene
Concen: 0.682 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045131.D
Acq: 05 Oct 2021 05:34

Tgt Ion: 91 Resp: 6689
Ion Ratio Lower Upper
91 100
92 54.1 40.5 75.1

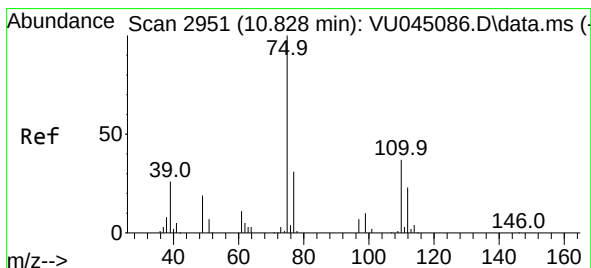
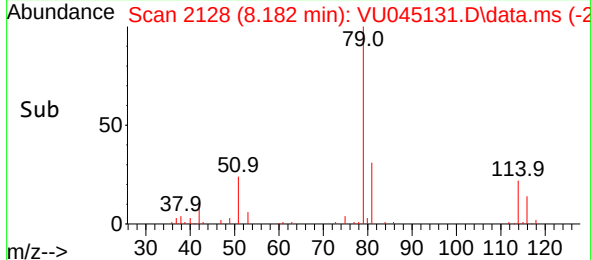
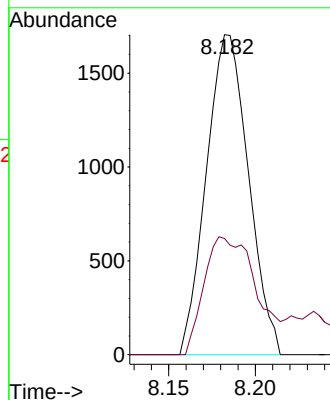
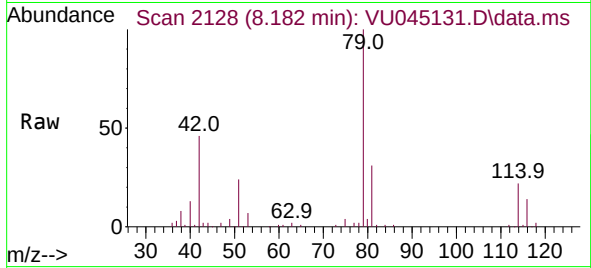




#44
trans-1,3-Dichloropropene
Concen: 0.805 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045131.D
Acq: 05 Oct 2021 05:34

Instrument :
MSVOA_U
ClientSampleId :
C0AN6

Tgt Ion: 75 Resp: 2881
Ion Ratio Lower Upper
75 100
77 36.3 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 4.839 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU045131.D
Acq: 05 Oct 2021 05:34

Tgt Ion: 75 Resp: 16012
Ion Ratio Lower Upper
75 100
77 30.5 25.5 38.3
110 2.4 29.0 43.4#

