

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072022\
 Data File : VU049798.D
 Acq On : 20 Jul 2022 11:02
 Operator : SY/MD
 Sample : VU0720WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK163

Quant Time: Jul 21 04:22:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 21 04:19:56 2022
 Response via : Initial Calibration

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

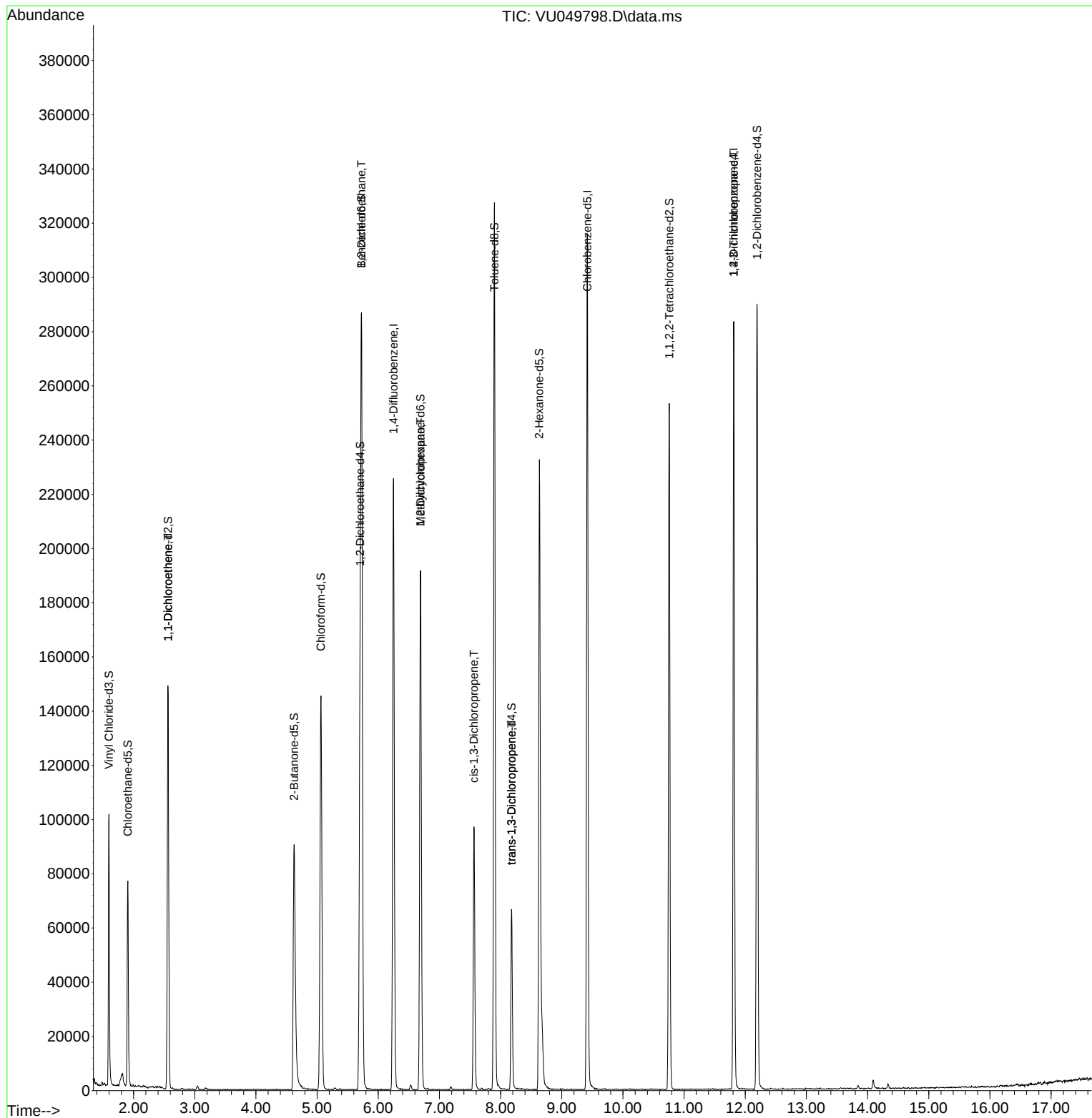
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	170366	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	166114	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70291	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71606	49.814	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.620%
7) Chloroethane-d5	1.906	69	54584	52.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.060%
11) 1,1-Dichloroethene-d2	2.562	63	91959	36.217	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.440%
21) 2-Butanone-d5	4.623	46	139233	113.464	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.460%
24) Chloroform-d	5.063	84	133542	52.452	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.900%
26) 1,2-Dichloroethane-d4	5.703	65	93883	54.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.960%
32) Benzene-d6	5.726	84	250236	49.586	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.180%
36) 1,2-Dichloropropane-d6	6.690	67	90222	53.152	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.300%
41) Toluene-d8	7.899	98	207580	47.234	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.460%
43) trans-1,3-Dichloroprop...	8.179	79	36181	50.591	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.180%
47) 2-Hexanone-d5	8.632	63	68122	89.218	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	124827	52.557	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.120%
66) 1,2-Dichlorobenzene-d4	12.192	152	70884	53.485	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.980%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.562	96	571	0.469	ug/L #	1
27) 1,2-Dichloroethane	5.726	62	1766	0.746	ug/L #	76
35) Methylcyclohexane	6.690	83	20598	8.685	ug/L #	17
39) cis-1,3-Dichloropropene	7.565	75	2306	0.988	ug/L #	59
44) trans-1,3-Dichloropropene	8.179	75	2116	0.966	ug/L #	78
60) 1,2,3-Trichloropropane	11.812	75	9513	5.081	ug/L #	68

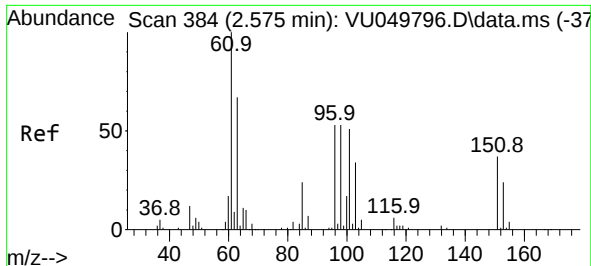
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VBLK163

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 21 04:19:56 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.469 ug/L

RT: 2.562 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU049798.D

Acq: 20 Jul 2022 11:02

Instrument :

MSVOA_U

ClientSampleId :

VBLK163

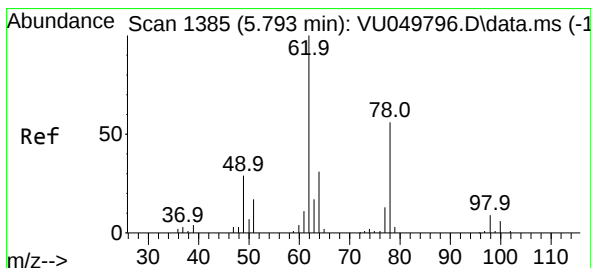
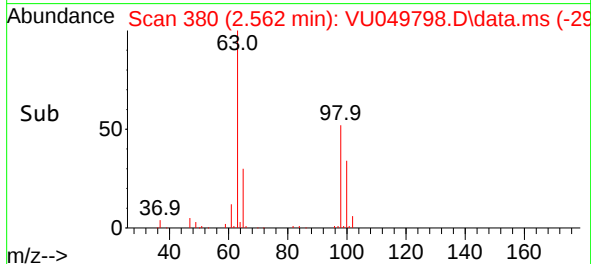
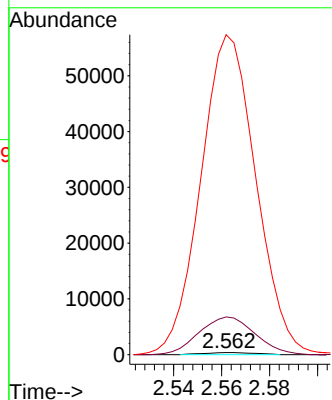
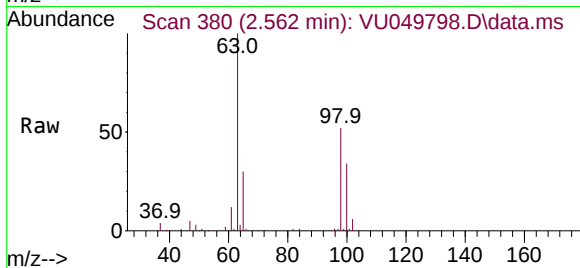
Tgt Ion: 96 Resp: 571

Ion Ratio Lower Upper

96 100

61 1765.4 129.6 240.6#

63 14939.6 79.0 146.6#



#27

1,2-Dichloroethane

Concen: 0.746 ug/L

RT: 5.726 min Scan# 1364

Delta R.T. -0.067 min

Lab File: VU049798.D

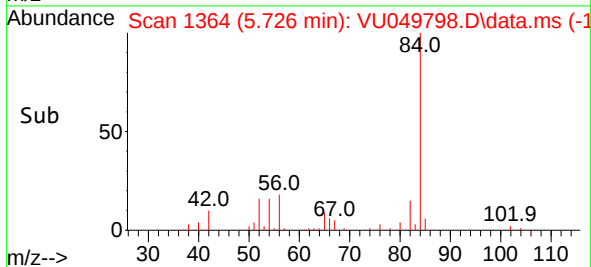
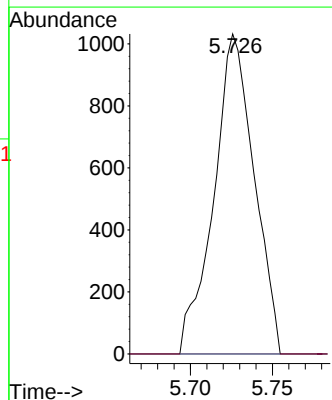
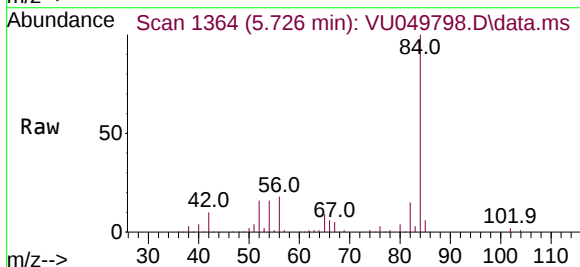
Acq: 20 Jul 2022 11:02

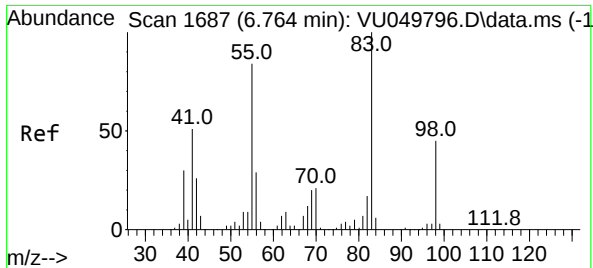
Tgt Ion: 62 Resp: 1766

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#

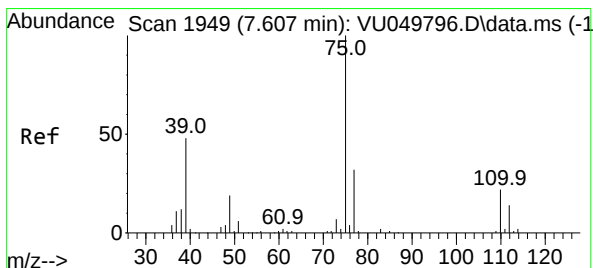
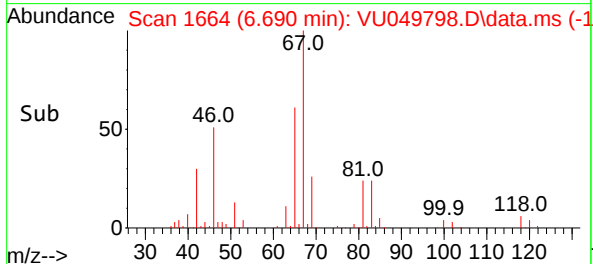
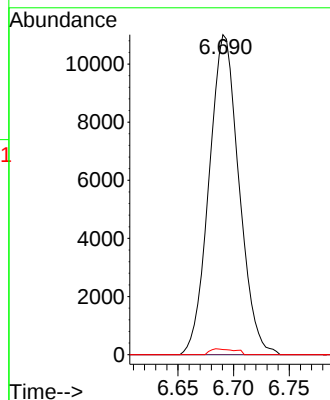
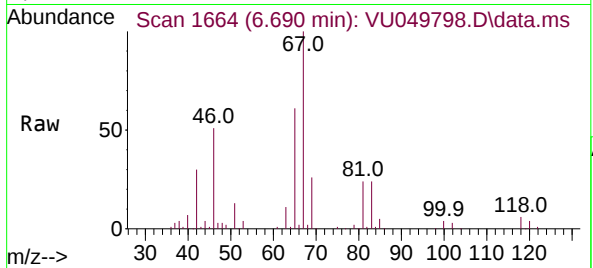




#35
Methylcyclohexane
Concen: 8.685 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU049798.D
Acq: 20 Jul 2022 11:02

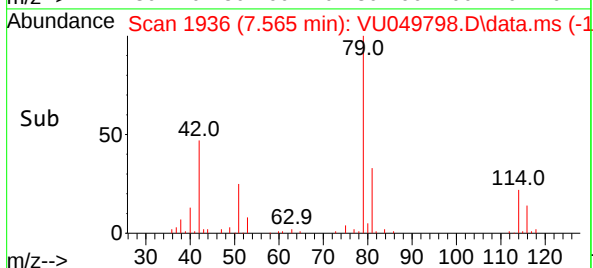
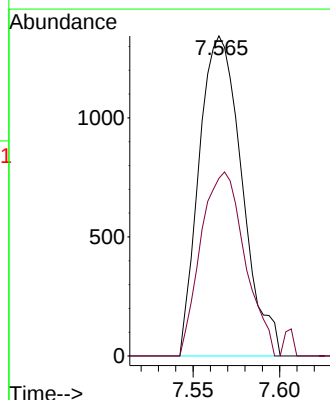
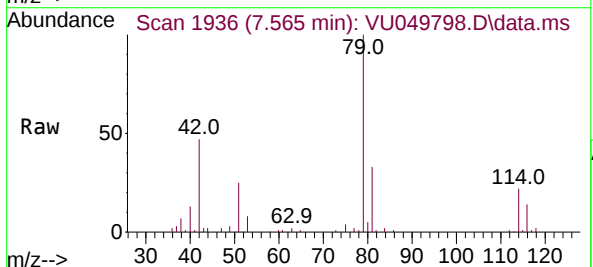
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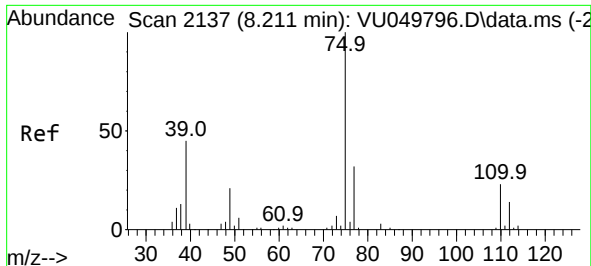
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.0	99.0#
98	1.2	34.6	51.8#



#39
cis-1,3-Dichloropropene
Concen: 0.988 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU049798.D
Acq: 20 Jul 2022 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	55.5	22.6	42.0#

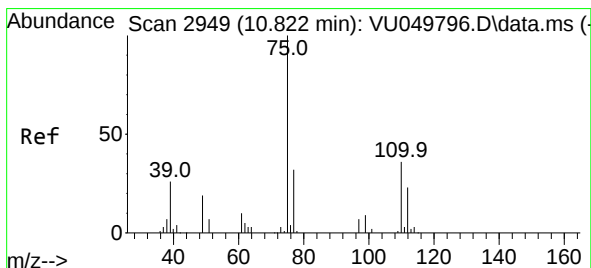
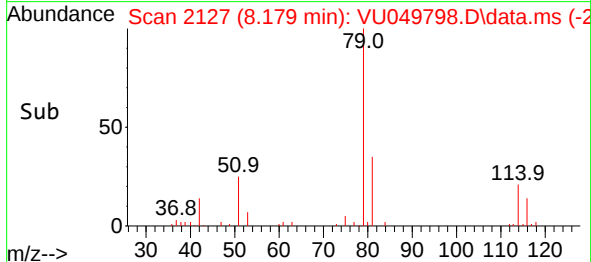
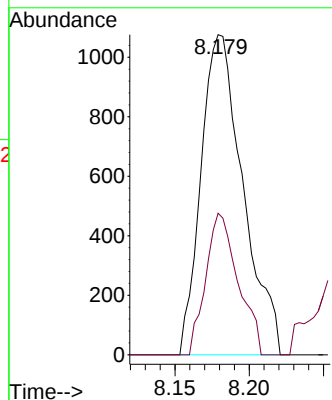
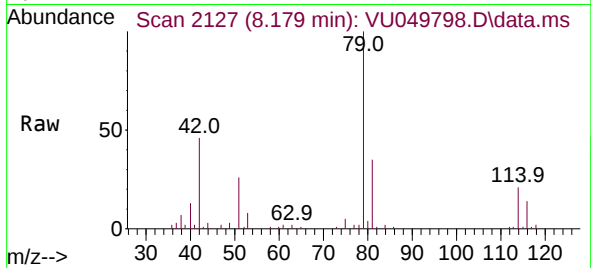




#44
trans-1,3-Dichloropropene
Concen: 0.966 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU049798.D
Acq: 20 Jul 2022 11:02

Instrument :
MSVOA_U
ClientSampleId :
VBLK163

Tgt Ion: 75 Resp: 2116
Ion Ratio Lower Upper
75 100
77 44.2 22.5 41.9#



#60
1,2,3-Trichloropropane
Concen: 5.081 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049798.D
Acq: 20 Jul 2022 11:02

Tgt Ion: 75 Resp: 9513
Ion Ratio Lower Upper
75 100
77 33.5 25.5 38.3
110 1.9 28.9 43.3#

