

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046190.D
 Acq On : 08 Dec 2021 21:06
 Operator : SY/MD
 Sample : M4983-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 03:21:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

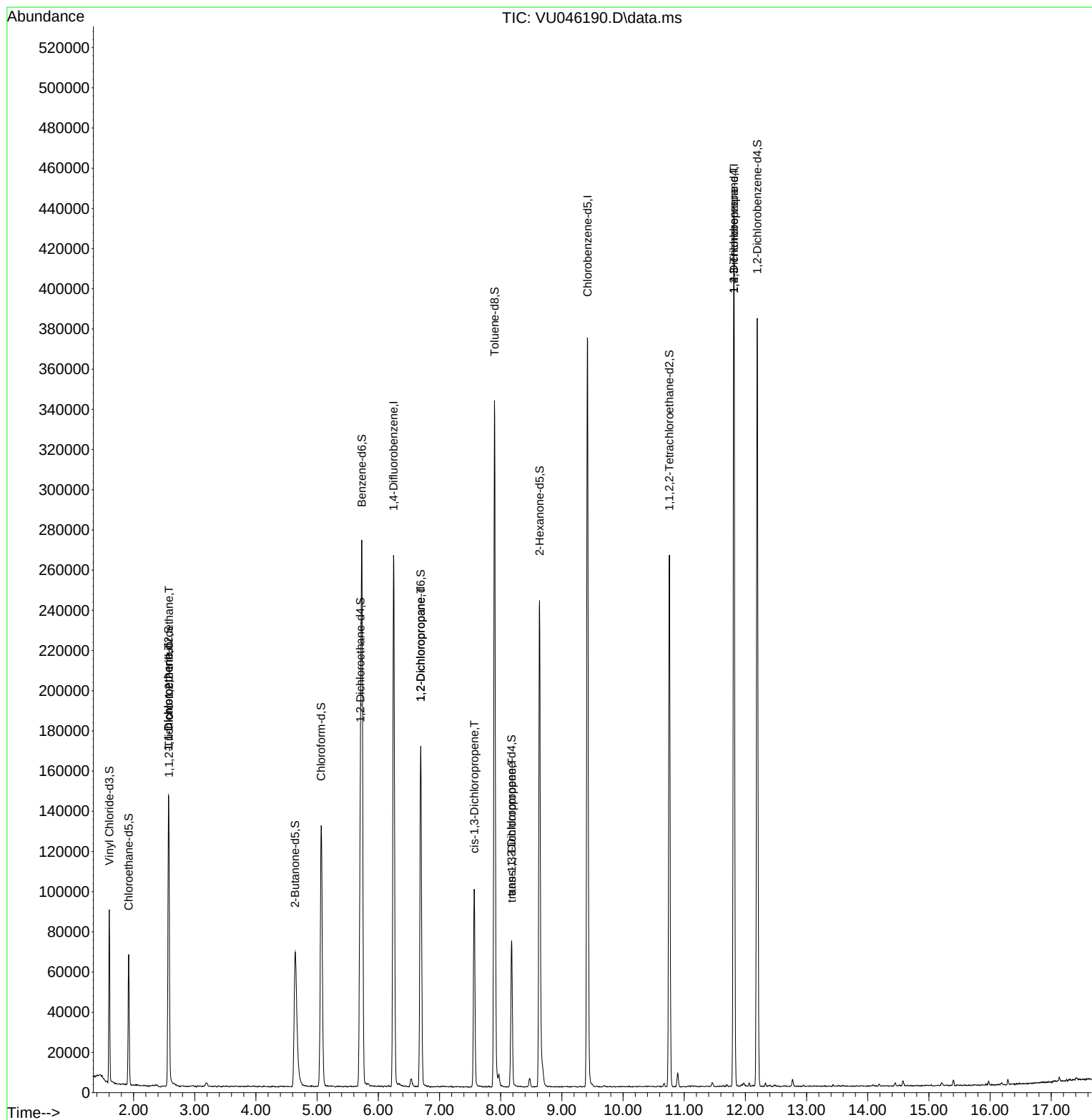
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	223425	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	220670	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	118579	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	60041	32.623	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.240%
7) Chloroethane-d5	1.919	69	47538	33.641	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.280%#
11) 1,1-Dichloroethene-d2	2.572	63	85729	25.947	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.900%#
21) 2-Butanone-d5	4.642	46	128262	87.666	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.670%
24) Chloroform-d	5.067	84	121861	39.649	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.300%
26) 1,2-Dichloroethane-d4	5.706	65	83372	40.420	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.840%
32) Benzene-d6	5.732	84	259562	41.039	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.080%
36) 1,2-Dichloropropane-d6	6.694	67	82151	41.910	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.820%
41) Toluene-d8	7.899	98	233105	40.479	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.960%
43) trans-1,3-Dichloroprop...	8.179	79	38980	41.195	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.380%
47) 2-Hexanone-d5	8.636	63	89941	96.775	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.770%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	129753	43.649	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.300%
66) 1,2-Dichlorobenzene-d4	12.195	152	102592	44.925	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.860%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	826	0.508	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	631	0.408	ug/L #	1
37) 1,2-Dichloropropane	6.694	63	8786	5.022	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	2169	0.815	ug/L #	72
44) trans-1,3-Dichloropropene	8.182	75	1681	0.643	ug/L #	78
60) 1,2,3-Trichloropropane	11.812	75	13464	5.180	ug/L #	65

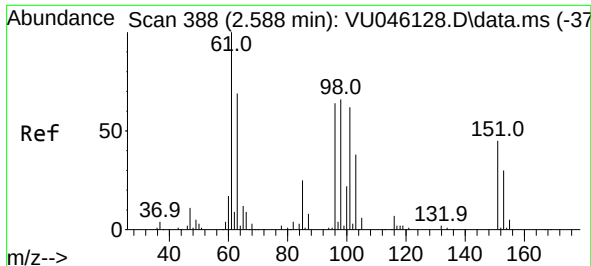
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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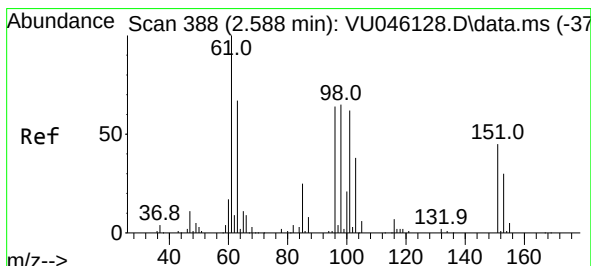
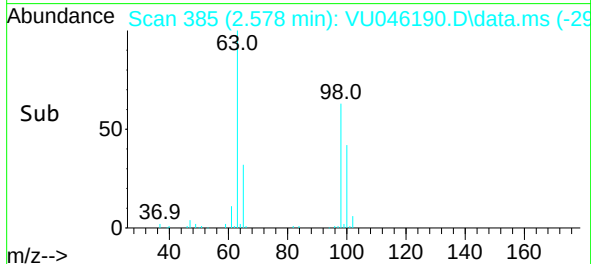
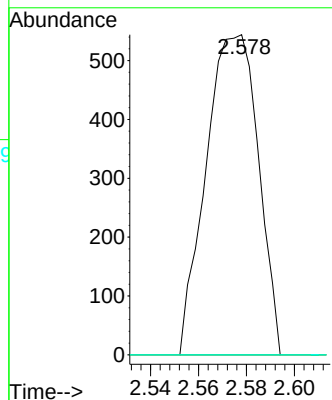
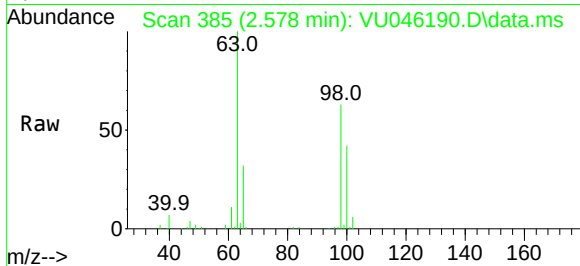




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.508 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU046190.D
Acq: 08 Dec 2021 21:06

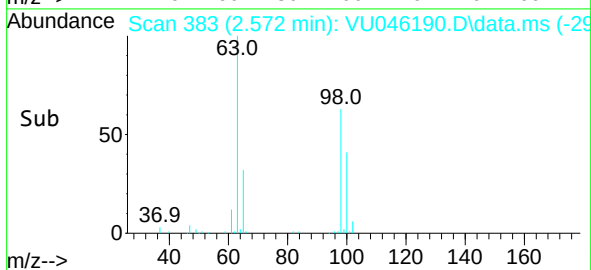
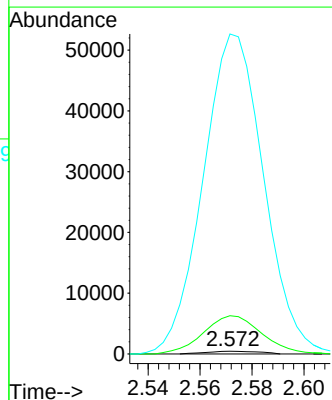
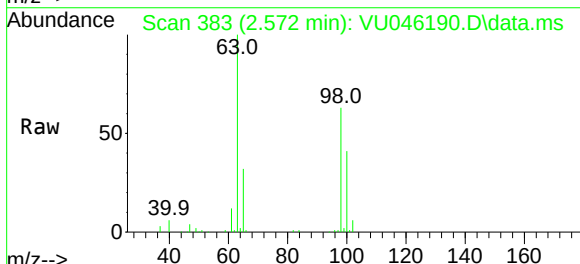
Instrument :
MSVOA_U
ClientSampleId :

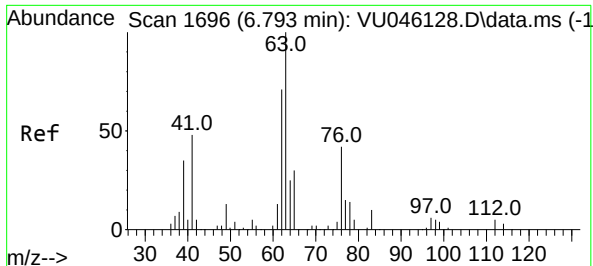
Tgt Ion:101 Resp: 826
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#12
1,1-Dichloroethene
Concen: 0.408 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU046190.D
Acq: 08 Dec 2021 21:06

Tgt Ion: 96 Resp: 631
Ion Ratio Lower Upper
96 100
61 1380.9 118.6 220.2#
63 11574.5 93.0 172.8#





#37

1,2-Dichloropropane

Concen: 5.022 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046190.D

Acq: 08 Dec 2021 21:06

Instrument :

MSVOA_U

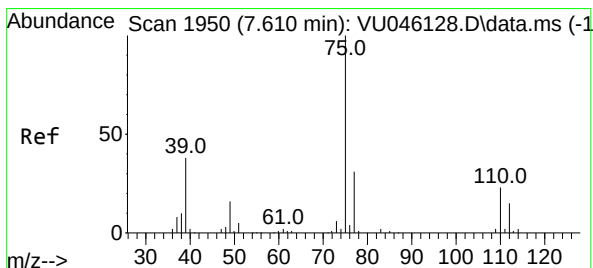
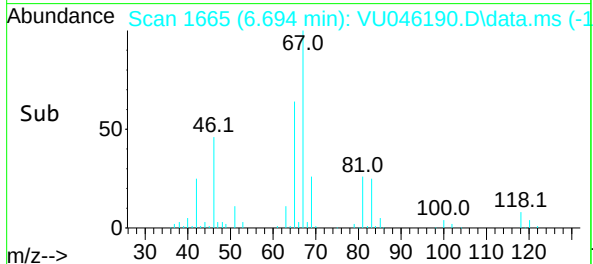
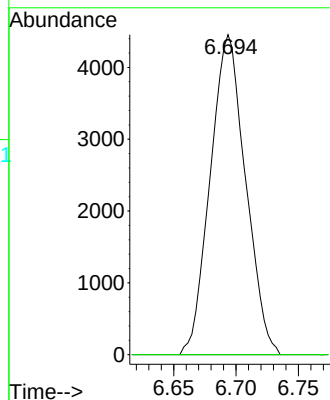
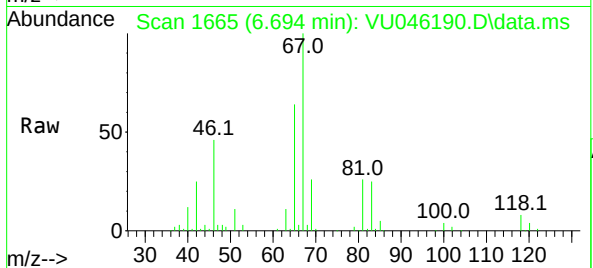
ClientSampleId :

Tgt Ion: 63 Resp: 8786

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.815 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU046190.D

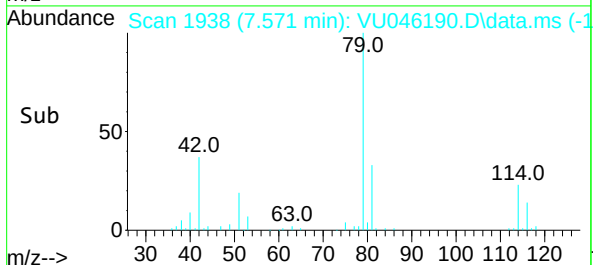
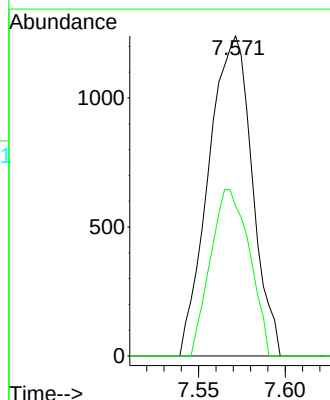
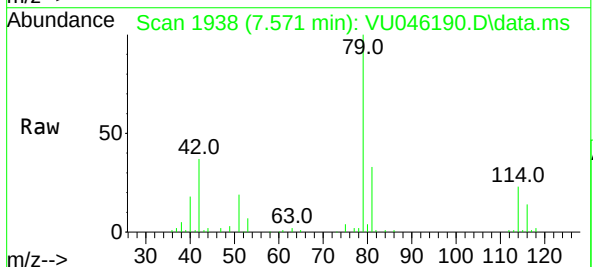
Acq: 08 Dec 2021 21:06

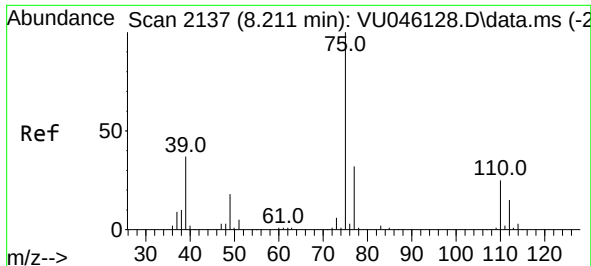
Tgt Ion: 75 Resp: 2169

Ion Ratio Lower Upper

75 100

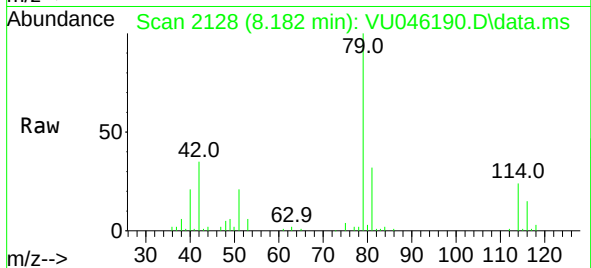
77 46.9 21.8 40.6#



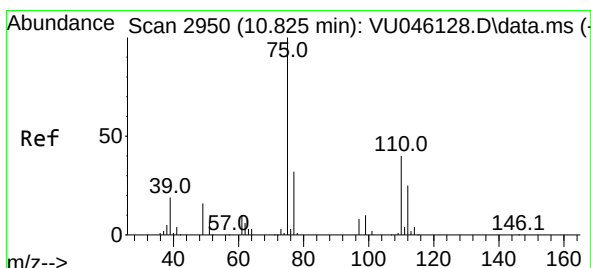
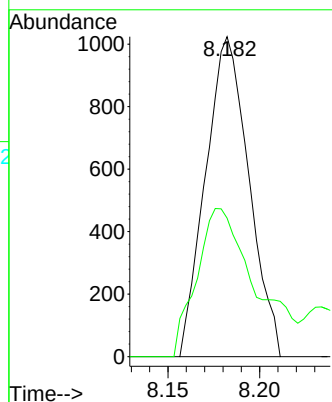
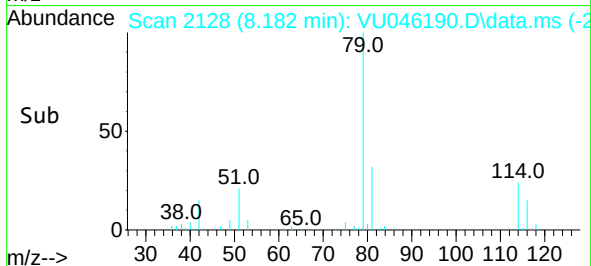


#44
 trans-1,3-Dichloropropene
 Concen: 0.643 ug/L
 RT: 8.182 min Scan# 2137
 Delta R.T. -0.032 min
 Lab File: VU046190.D
 Acq: 08 Dec 2021 21:06

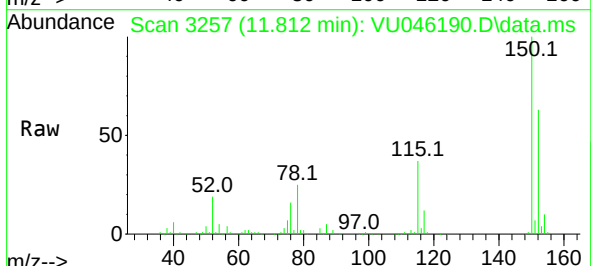
Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 1681
 Ion Ratio Lower Upper
 75 100
 77 43.3 21.7 40.3#



#60
 1,2,3-Trichloropropane
 Concen: 5.180 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.987 min
 Lab File: VU046190.D
 Acq: 08 Dec 2021 21:06



Tgt Ion: 75 Resp: 13464
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.4 39.6
 110 1.4 32.4 48.6#

