

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121621\
 Data File : VU046411.D
 Acq On : 16 Dec 2021 11:09
 Operator : SY/MD
 Sample : VU1216MBL01
 Misc : 5.00g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 01:50:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 01:49:40 2021
 Response via : Initial Calibration

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

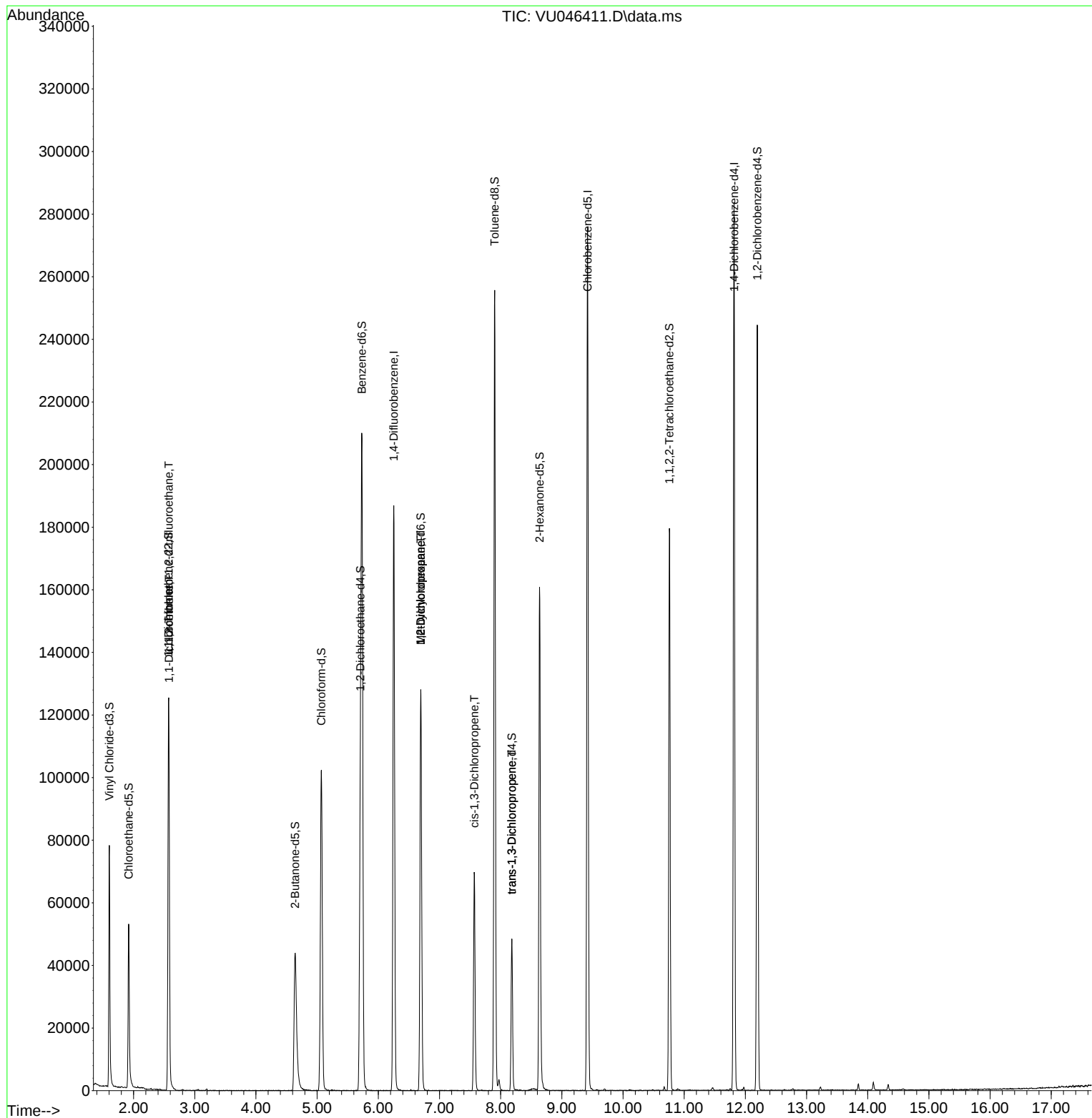
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	148814	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	150557	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	73294	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	59757	48.747	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.500%
7) Chloroethane-d5	1.919	69	43581	46.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.572	63	75881	34.481	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.960%
21) 2-Butanone-d5	4.639	46	79603	81.686	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.690%
24) Chloroform-d	5.070	84	97189	47.476	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.960%
26) 1,2-Dichloroethane-d4	5.707	65	65042	47.343	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.680%
32) Benzene-d6	5.732	84	195357	45.272	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.540%
36) 1,2-Dichloropropane-d6	6.694	67	60632	45.337	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.680%
41) Toluene-d8	7.903	98	167197	42.555	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.100%
43) trans-1,3-Dichloroprop...	8.182	79	28405	43.999	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.000%
47) 2-Hexanone-d5	8.636	63	57560	90.775	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.780%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	86866	42.830	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.660%
66) 1,2-Dichlorobenzene-d4	12.195	152	61461	43.543	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.080%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	623	0.575	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	520	0.505	ug/L #	1
35) Methylcyclohexane	6.694	83	14720	7.908	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6723	5.632	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1761	0.970	ug/L #	70
44) trans-1,3-Dichloropropene	8.182	75	1280	0.718	ug/L #	64

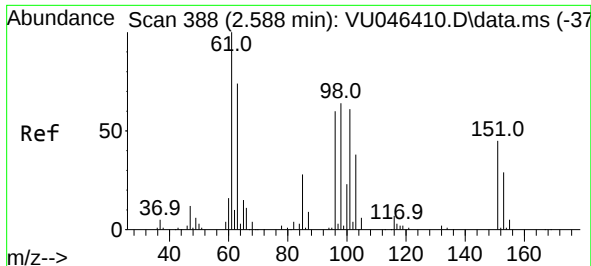
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 17 01:50:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 17 01:49:40 2021
Response via : Initial Calibration

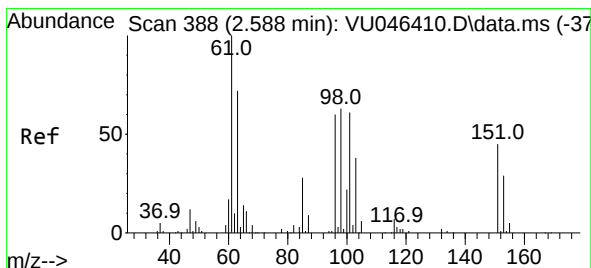
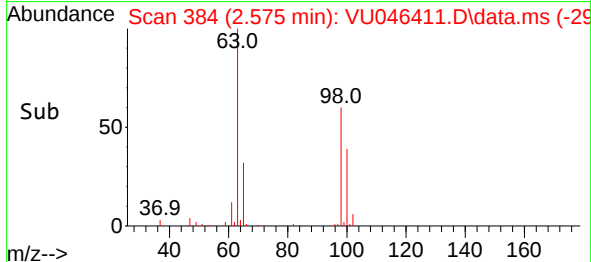
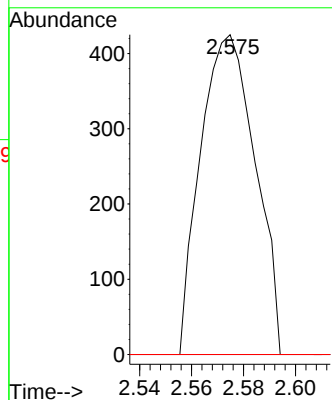
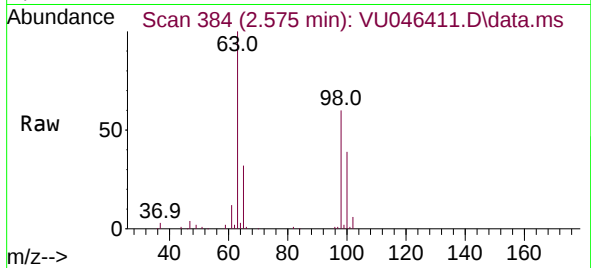




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.575 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046411.D
 Acq: 16 Dec 2021 11:09

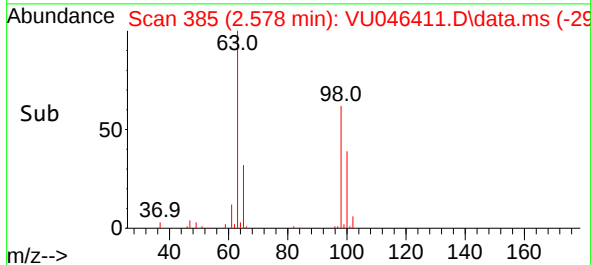
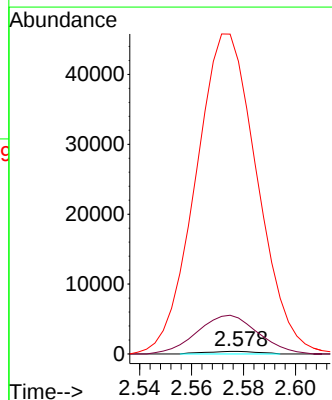
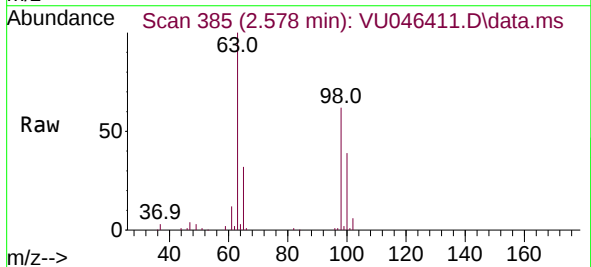
Instrument :
 MSVOA_U
 ClientSampleId :

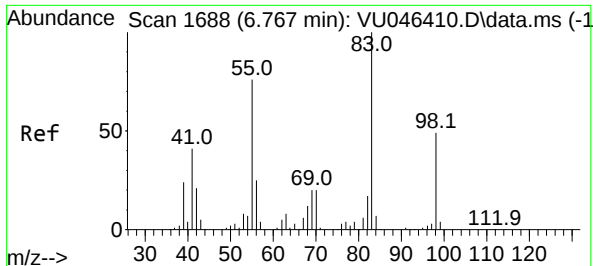
Tgt Ion:101 Resp: 623
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.505 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU046411.D
 Acq: 16 Dec 2021 11:09

Tgt Ion: 96 Resp: 520
 Ion Ratio Lower Upper
 96 100
 61 1390.0 118.6 220.2#
 63 11318.9 93.0 172.8#





#35

Methylcyclohexane

Concen: 7.908 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU046411.D

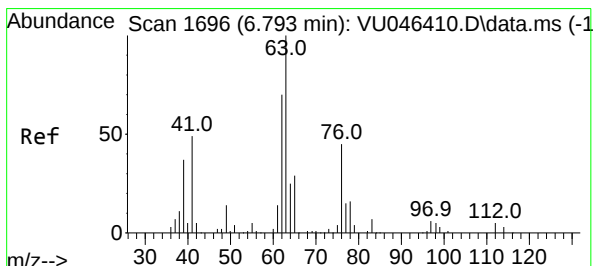
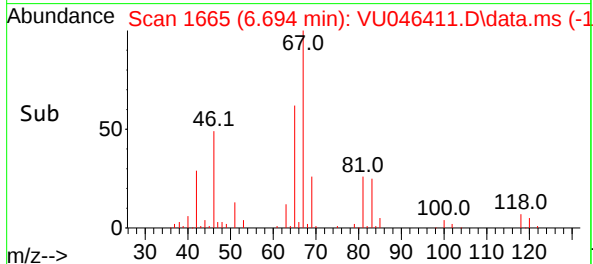
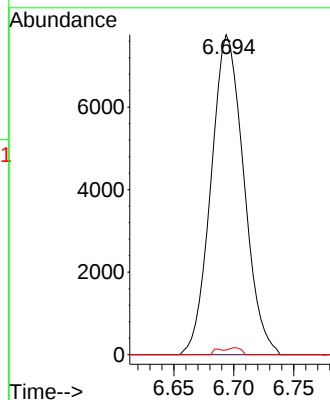
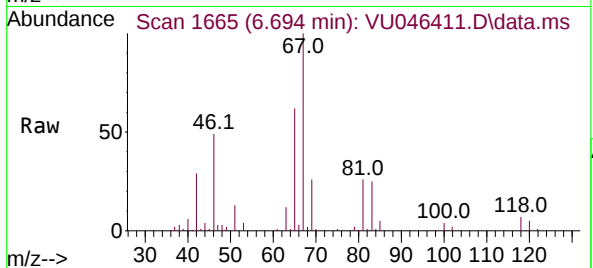
Acq: 16 Dec 2021 11:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	14720
Ion Ratio	Lower	Upper	
83	100		
55	0.0	57.8	86.6#
98	0.9	38.4	57.6#



#37

1,2-Dichloropropane

Concen: 5.632 ug/L

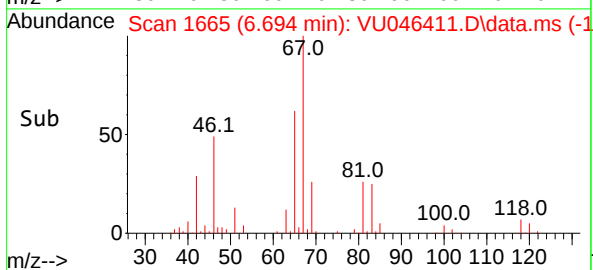
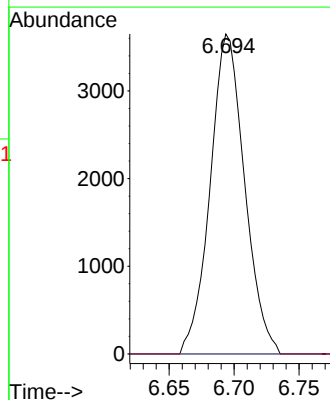
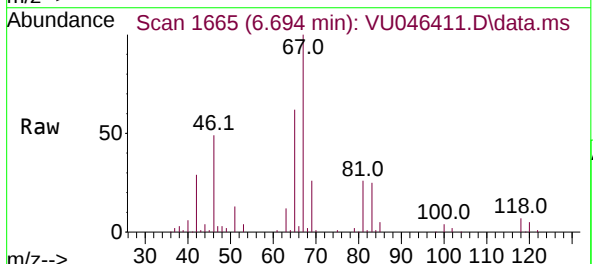
RT: 6.694 min Scan# 1665

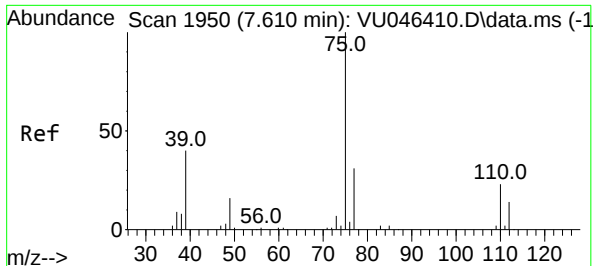
Delta R.T. -0.100 min

Lab File: VU046411.D

Acq: 16 Dec 2021 11:09

Tgt Ion:	63	Resp:	6723
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.8	5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.970 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046411.D

Acq: 16 Dec 2021 11:09

Instrument :

MSVOA_U

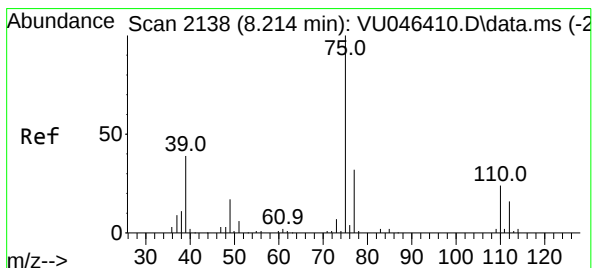
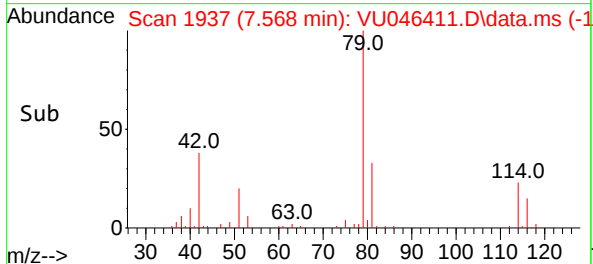
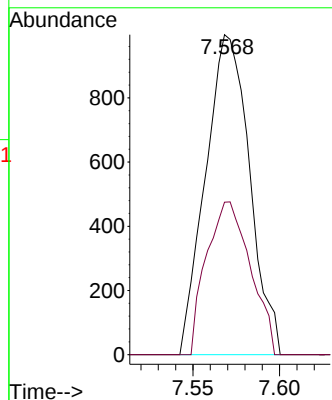
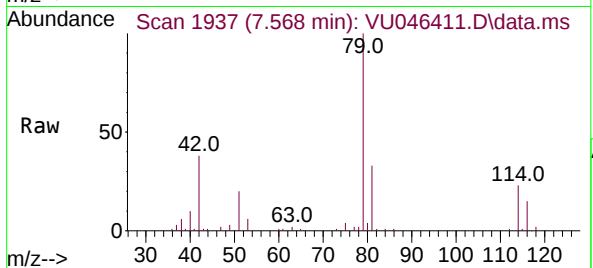
ClientSampleId :

Tgt Ion: 75 Resp: 1761

Ion Ratio Lower Upper

75 100

77 47.6 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.718 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.032 min

Lab File: VU046411.D

Acq: 16 Dec 2021 11:09

Tgt Ion: 75 Resp: 1280

Ion Ratio Lower Upper

75 100

77 50.8 21.7 40.3#

