

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122221\
 Data File : VU046554.D
 Acq On : 22 Dec 2021 16:24
 Operator : SY/MD
 Sample : M5134-06DL 20X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 23 04:30:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 23 04:25:43 2021
 Response via : Initial Calibration

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

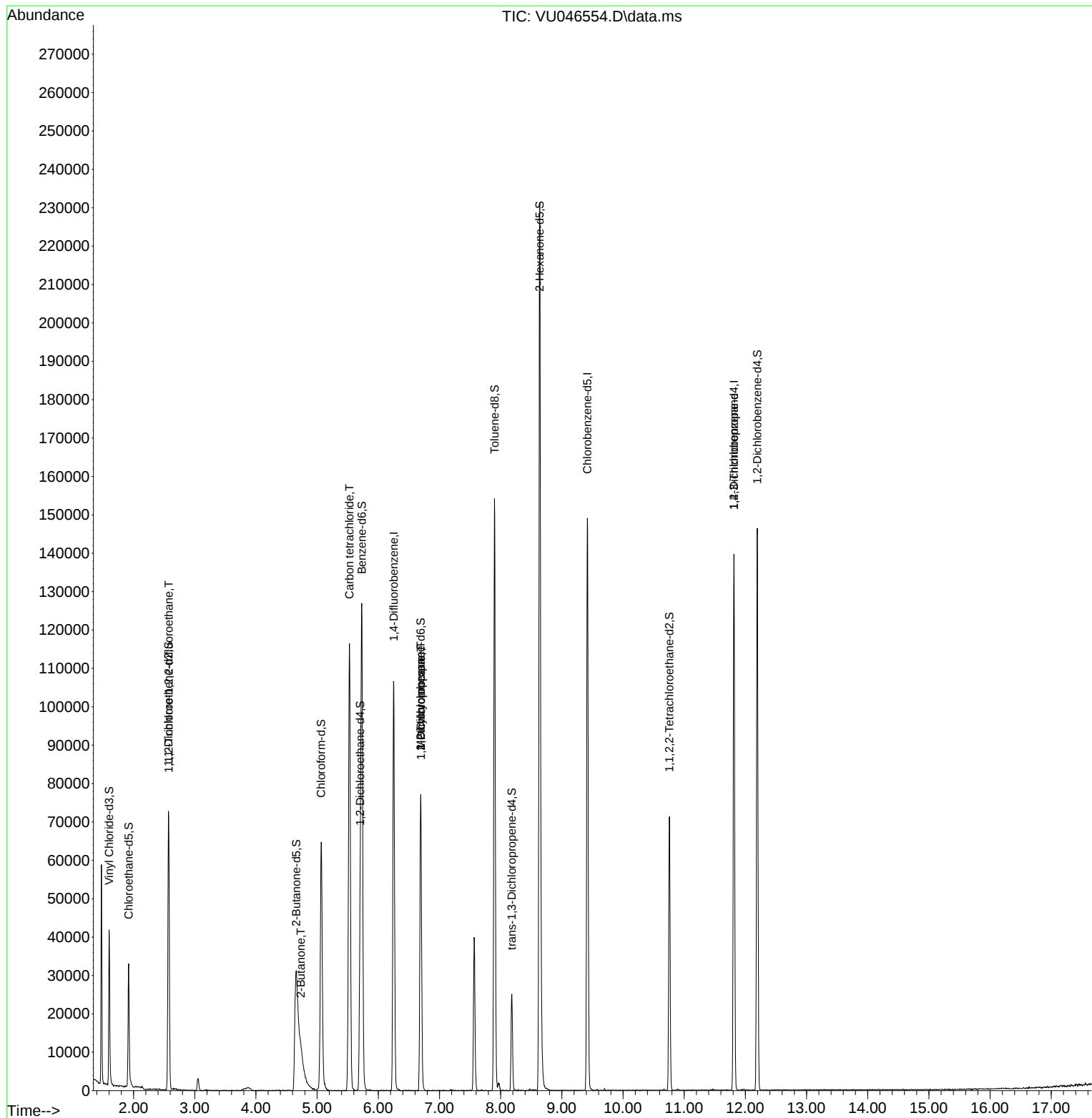
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	86735	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	85223	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37394	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30817	4.511	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.919	69	25288	4.701	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.572	65	13570	4.710	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.658	46	102457	51.702	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.400%
24) Chloroform-d	5.067	84	59754	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.703	65	35436	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.732	84	119050	5.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.694	67	36741	5.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.899	98	101671	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.182	79	15733	4.765	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.639	63	92791	47.869	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.740%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34344	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	37653	5.466	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	371	0.050	ug/L #	21
21) 2-Butanone	4.732	43	12399	4.399	ug/L	98
31) Carbon tetrachloride	5.530	117	81557	6.897	ug/L	99
35) Methylcyclohexane	6.694	83	8940	0.710	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	4007	0.464	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	4349	0.700	ug/L #	66

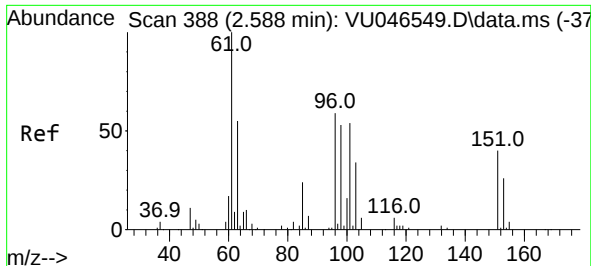
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122221\
Data File : VU046554.D
Acq On : 22 Dec 2021 16:24
Operator : SY/MD
Sample : M5134-06DL 20X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 23 04:30:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 23 04:25:43 2021
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.050 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU046554.D

Acq: 22 Dec 2021 16:24

Instrument :

MSVOA_U

ClientSampleId :

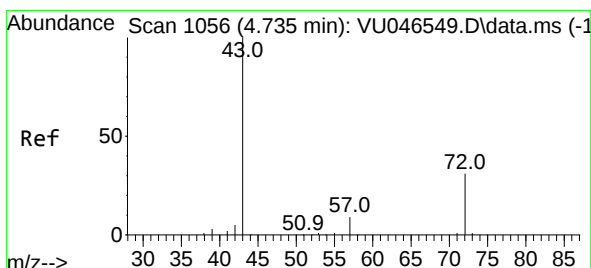
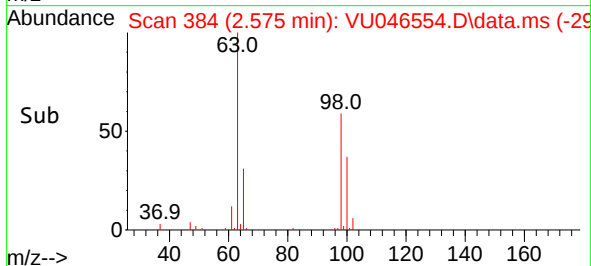
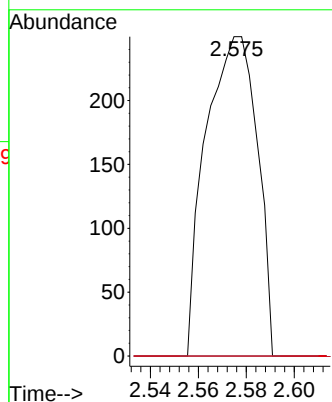
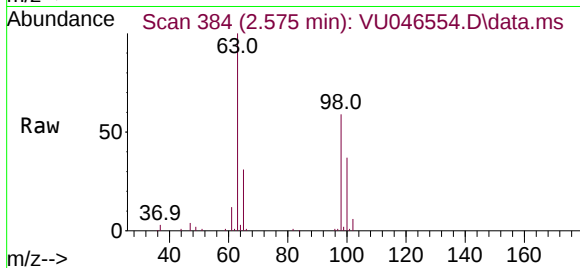
Tgt Ion:101 Resp: 371

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.1 84.1#



#21

2-Butanone

Concen: 4.399 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. -0.003 min

Lab File: VU046554.D

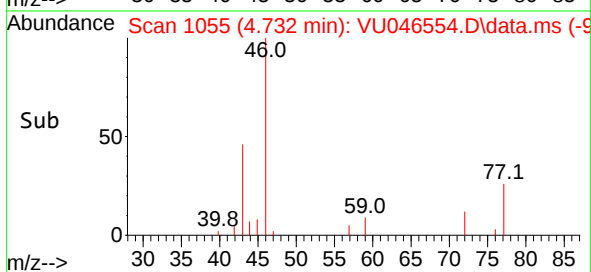
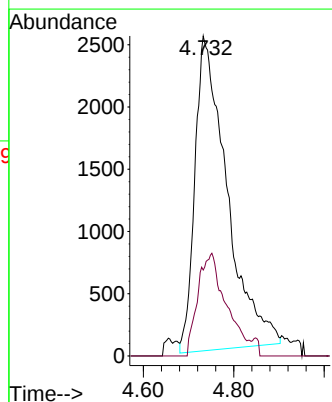
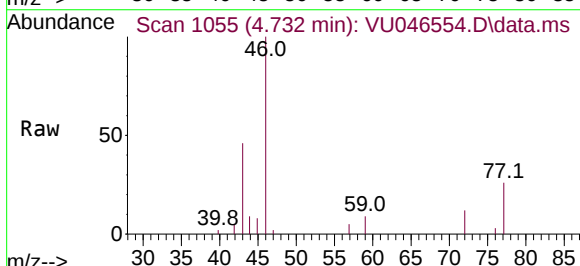
Acq: 22 Dec 2021 16:24

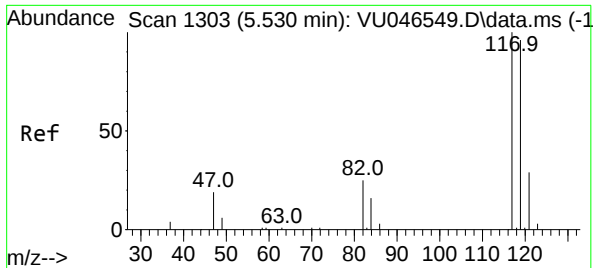
Tgt Ion: 43 Resp: 12399

Ion Ratio Lower Upper

43 100

72 29.2 14.1 42.3

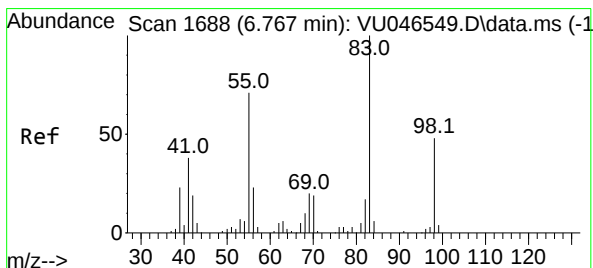
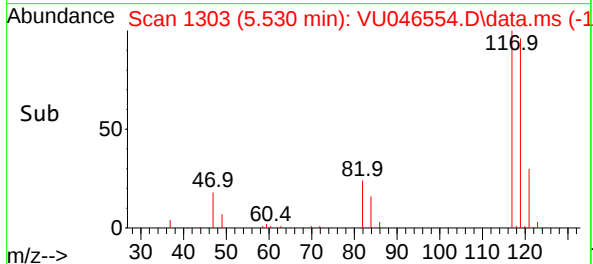
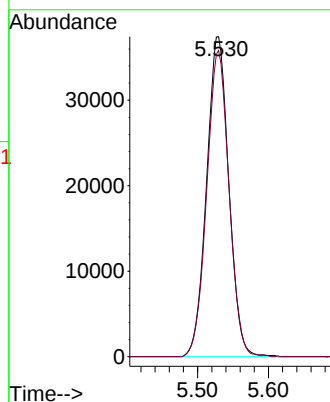
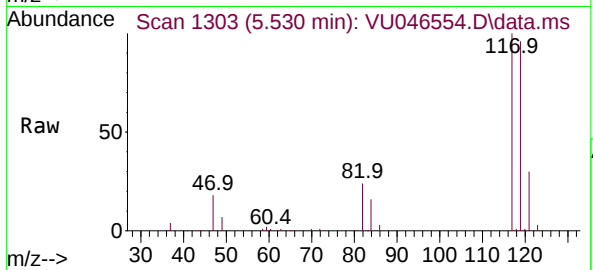




#31
Carbon tetrachloride
Concen: 6.897 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046554.D
Acq: 22 Dec 2021 16:24

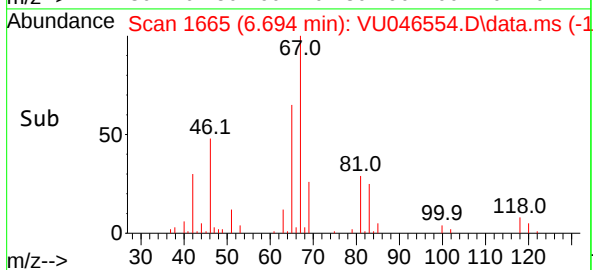
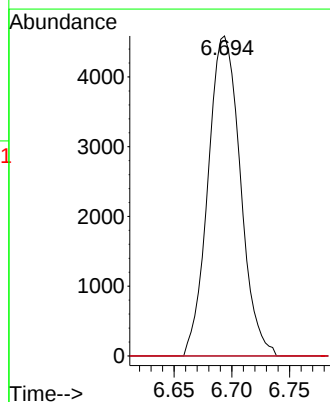
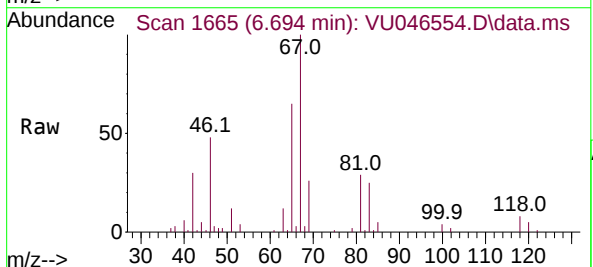
Instrument :
MSVOA_U
ClientSampleId :

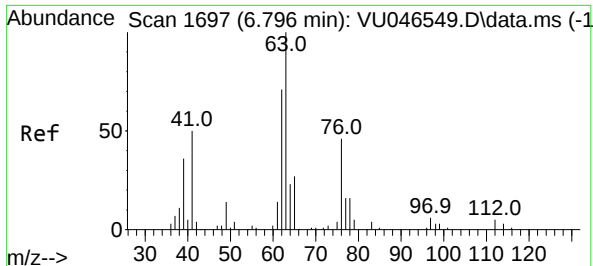
Tgt Ion:117 Resp: 81557
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3



#35
Methylcyclohexane
Concen: 0.710 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046554.D
Acq: 22 Dec 2021 16:24

Tgt Ion: 83 Resp: 8940
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.464 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046554.D

Acq: 22 Dec 2021 16:24

Instrument :

MSVOA_U

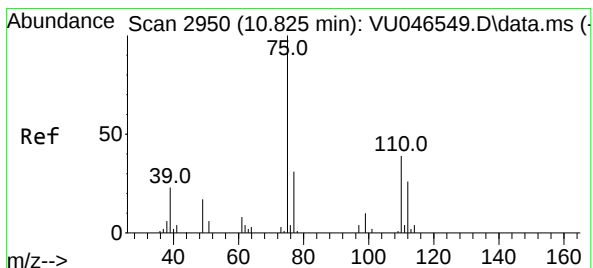
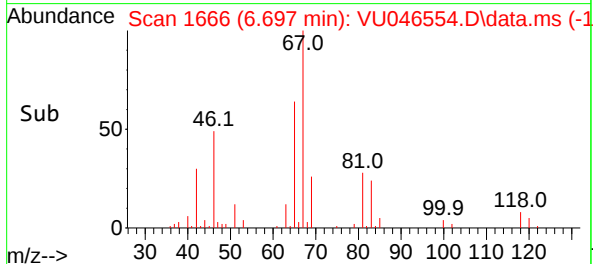
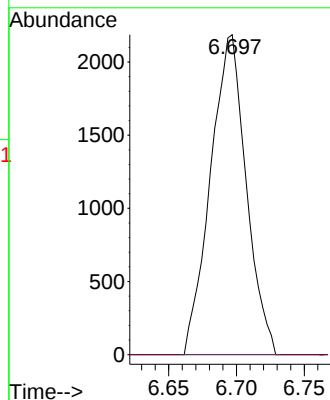
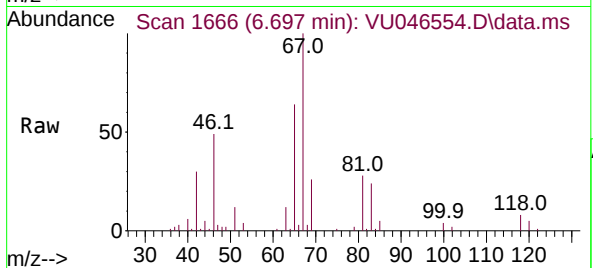
ClientSampleId :

Tgt Ion: 63 Resp: 4007

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#61

1,2,3-Trichloropropane

Concen: 0.700 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046554.D

Acq: 22 Dec 2021 16:24

Tgt Ion: 75 Resp: 4349

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 32.0 25.5 38.3

