

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
 Data File : VU062241.D
 Acq On : 11 Dec 2024 15:19
 Operator : MD/SY
 Sample : P5228-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 00:28:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 12 00:24:05 2024
 Response via : Initial Calibration

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

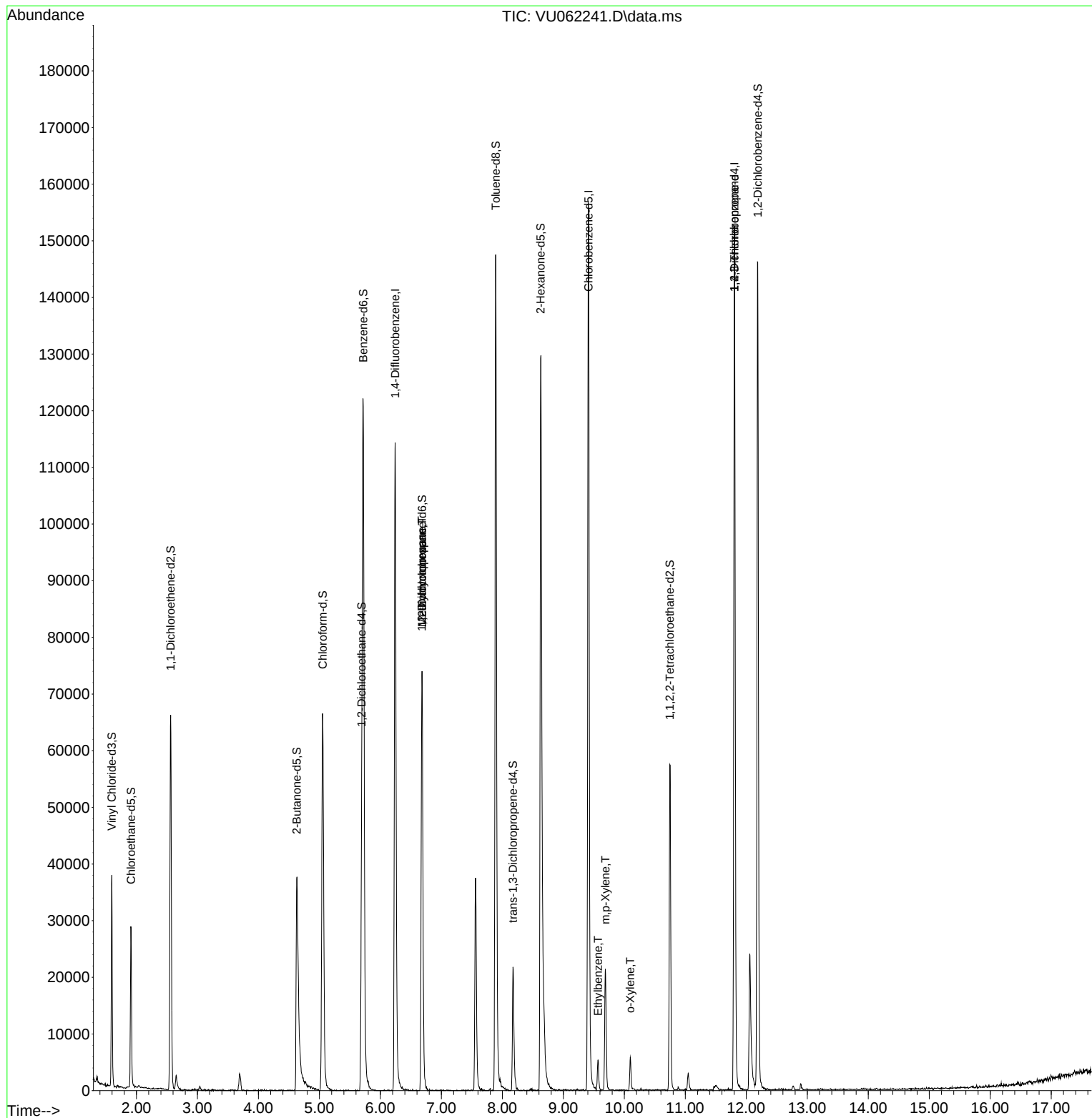
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	98147	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	91933	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	43272	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25404	3.837	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.800%	
7) Chloroethane-d5	1.911	69	21102	4.481	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.600%	
11) 1,1-Dichloroethene-d2	2.560	65	13251	4.207	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.200%	
20) 2-Butanone-d5	4.628	46	62463	49.233	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.460%	
24) Chloroform-d	5.052	84	66107	4.614	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
26) 1,2-Dichloroethane-d4	5.692	65	36094	5.123	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
32) Benzene-d6	5.718	84	117728	4.446	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.682	67	35415	4.675	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.400%	
41) Toluene-d8	7.891	98	105981	4.237	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.800%	
43) trans-1,3-Dichloroprop...	8.174	79	14645	4.392	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.628	63	47603	47.317	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.640%	
56) 1,1,2,2-Tetrachloroeth...	10.747	84	29136	4.942	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	40216	5.043	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.800%	
Target Compounds						Qvalue
35) Methylcyclohexane	6.682	83	8597	0.718	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	4086	0.589	ug/L #	87
52) Ethylbenzene	9.567	91	4566	0.133	ug/L	97
53) m,p-Xylene	9.689	106	6378	0.502	ug/L	91
54) o-Xylene	10.097	106	1561	0.126	ug/L	96
61) 1,2,3-Trichloropropane	11.804	75	4366	1.091	ug/L #	66

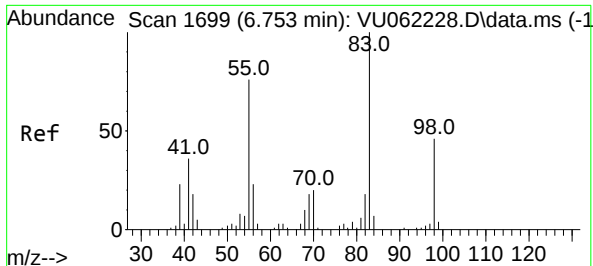
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121124\
Data File : VU062241.D
Acq On : 11 Dec 2024 15:19
Operator : MD/SY
Sample : P5228-04
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 12 00:28:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 12 00:24:05 2024
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.718 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.070 min

Lab File: VU062241.D

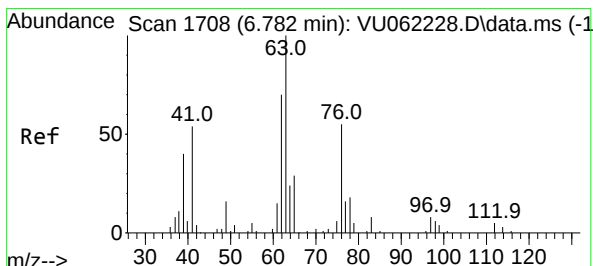
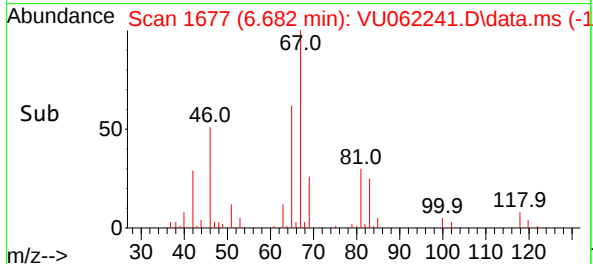
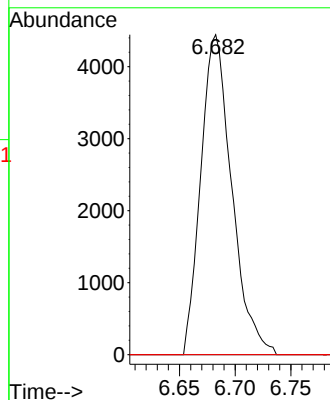
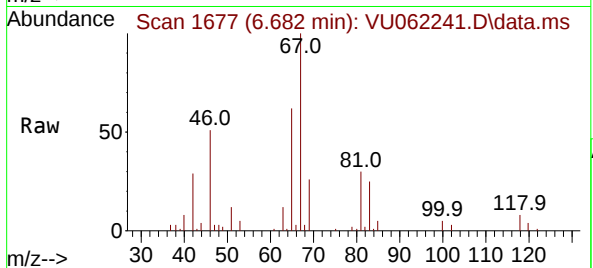
Acq: 11 Dec 2024 15:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	8597
Ion Ratio	Lower	Upper	
83	100		
55	0.0	60.7	91.1#
98	0.0	34.8	52.2#



#37

1,2-Dichloropropane

Concen: 0.589 ug/L

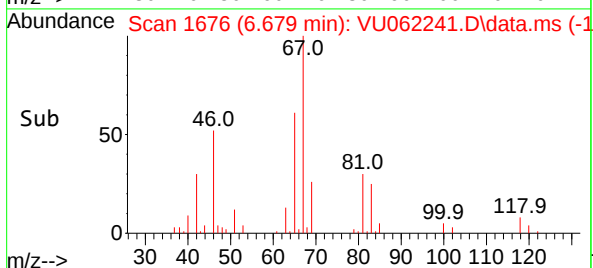
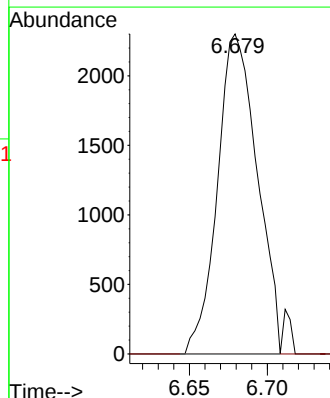
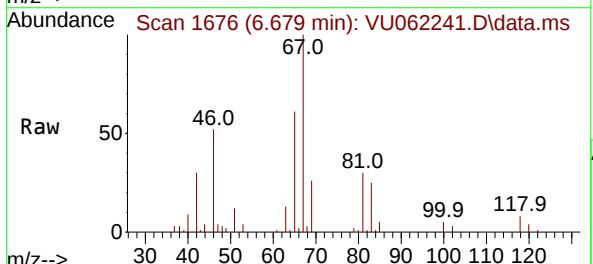
RT: 6.679 min Scan# 1676

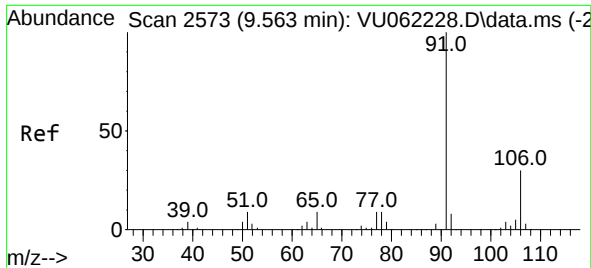
Delta R.T. -0.103 min

Lab File: VU062241.D

Acq: 11 Dec 2024 15:19

Tgt Ion:	63	Resp:	4086
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.4	5.0#

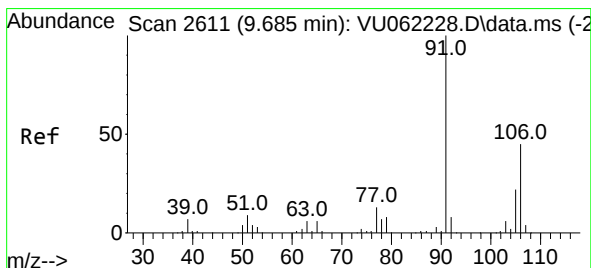
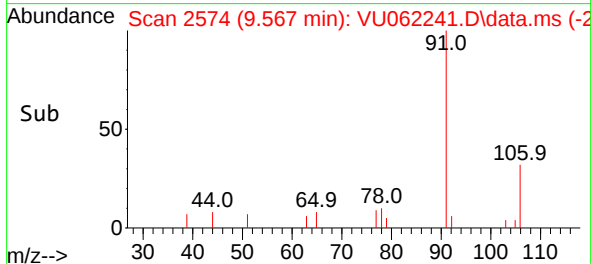
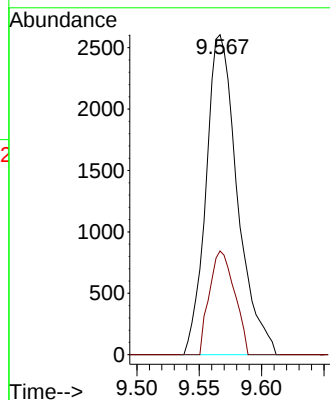
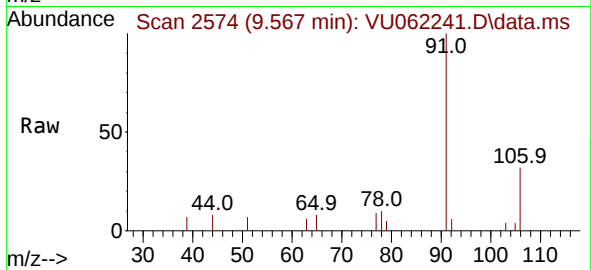




#52
Ethylbenzene
Concen: 0.133 ug/L
RT: 9.567 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062241.D
Acq: 11 Dec 2024 15:19

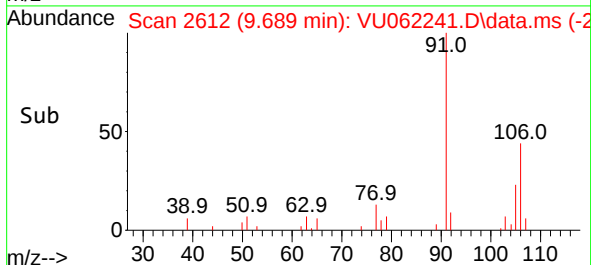
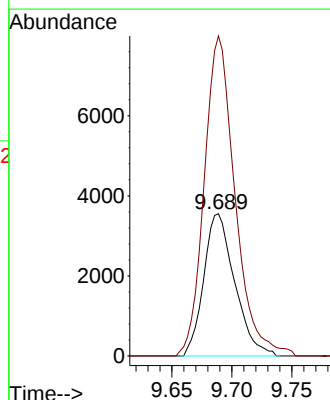
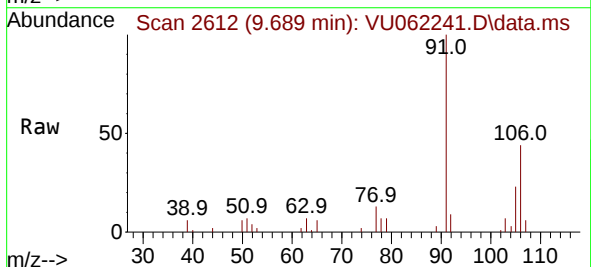
Instrument :
MSVOA_U
ClientSampleId :

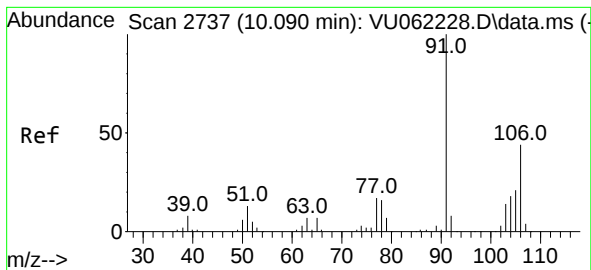
Tgt Ion: 91 Resp: 4566
Ion Ratio Lower Upper
91 100
106 32.4 21.6 40.0



#53
m,p-Xylene
Concen: 0.502 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU062241.D
Acq: 11 Dec 2024 15:19

Tgt Ion: 106 Resp: 6378
Ion Ratio Lower Upper
106 100
91 225.0 147.6 274.0





#54

o-Xylene

Concen: 0.126 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU062241.D

Acq: 11 Dec 2024 15:19

Instrument :

MSVOA_U

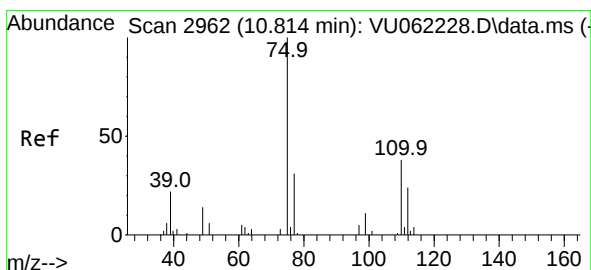
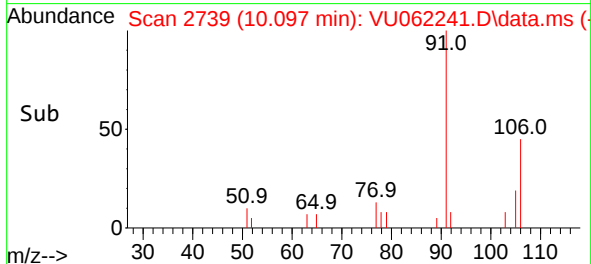
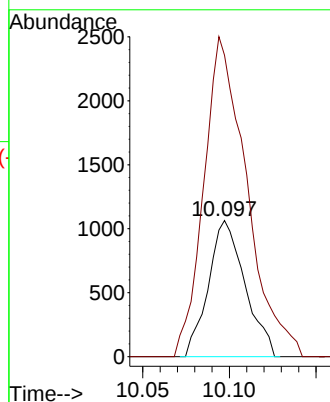
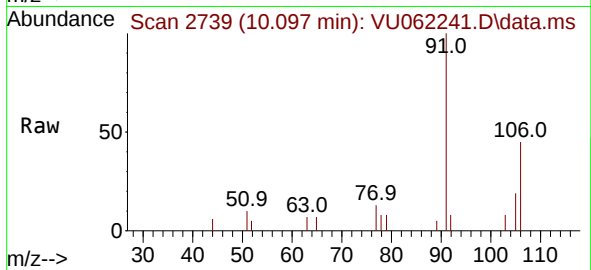
ClientSampleId :

Tgt Ion:106 Resp: 1561

Ion Ratio Lower Upper

106 100

91 221.4 159.8 296.8



#61

1,2,3-Trichloropropane

Concen: 1.091 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.991 min

Lab File: VU062241.D

Acq: 11 Dec 2024 15:19

Tgt Ion: 75 Resp: 4366

Ion Ratio Lower Upper

75 100

110 2.2 28.9 43.3#

77 38.1 26.5 39.7

