

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120724\
 Data File : VU062133.D
 Acq On : 06 Dec 2024 14:55
 Operator : MD/SY
 Sample : P5109-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 23:16:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 02:27:00 2024
 Response via : Initial Calibration

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

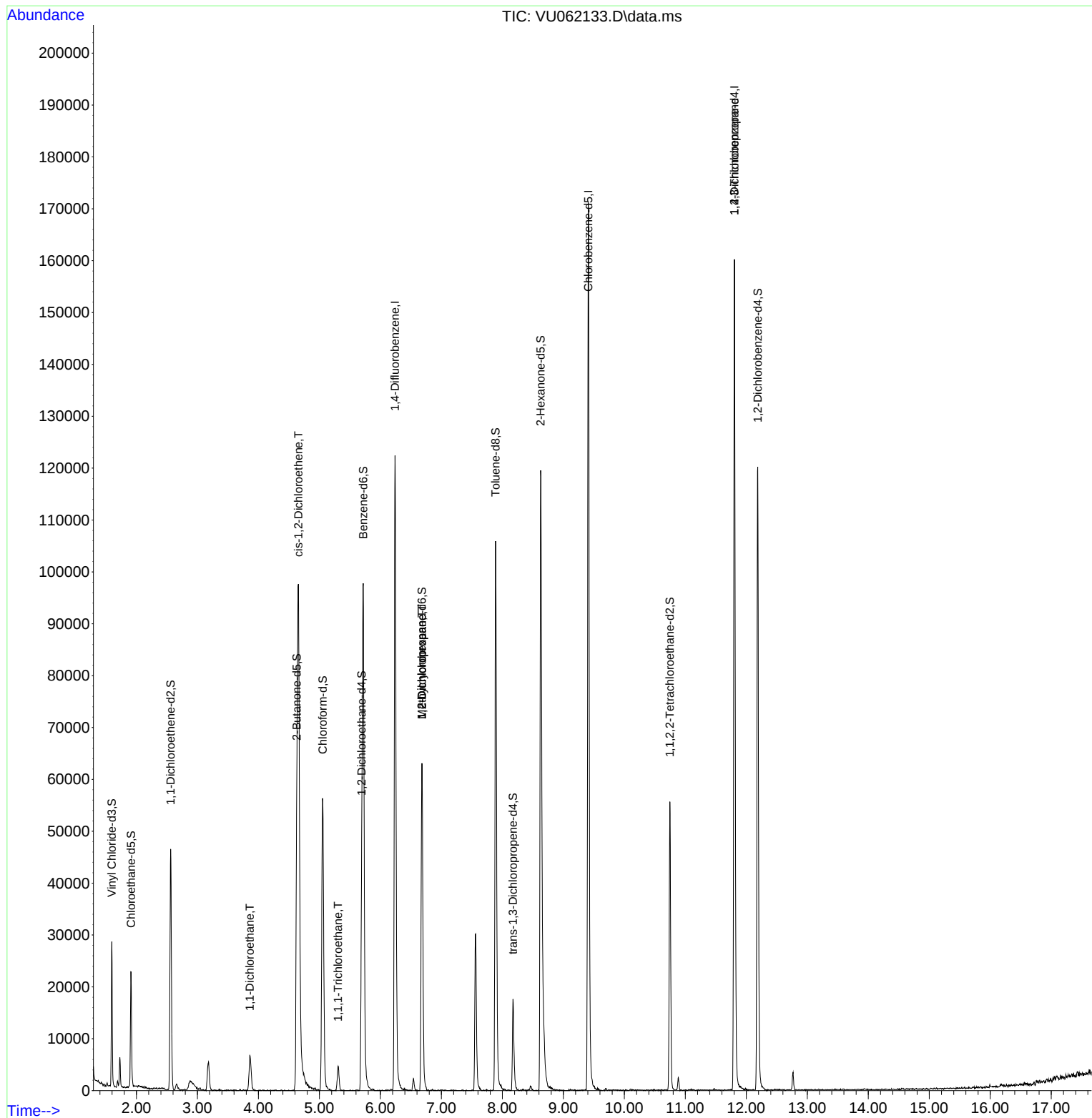
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	105269	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	99121	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46417	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18732	3.628	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.911	69	16618	3.638	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.560	65	8754	4.243	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.628	46	66599	41.073	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.140%
24) Chloroform-d	5.052	84	56672	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.692	65	30283	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.718	84	93787	4.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.679	67	31056	4.733	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.888	98	75783	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.174	79	12177	5.012	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.628	63	45859	41.358	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.720%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27981	4.267	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	34872	5.081	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.859	63	9043	0.622	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	42412	5.050	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	3721	0.326	ug/L	98
35) Methylcyclohexane	6.679	83	7735	0.633	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	3567	0.459	ug/L #	87
61) 1,2,3-Trichloropropane	11.804	75	5224	0.973	ug/L #	66

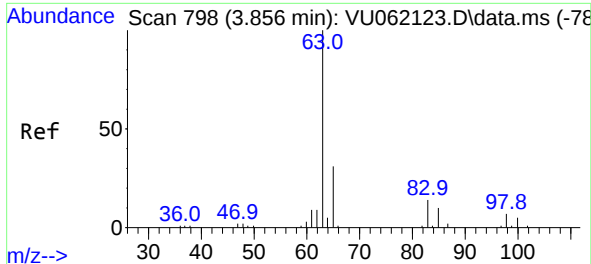
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120724\
Data File : VU062133.D
Acq On : 06 Dec 2024 14:55
Operator : MD/SY
Sample : P5109-07
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 06 23:16:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 06 02:27:00 2024
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 0.622 ug/L

RT: 3.859 min Scan# 798

Delta R.T. 0.000 min

Lab File: VU062133.D

Acq: 06 Dec 2024 14:55

Instrument :

MSVOA_U

ClientSampleId :

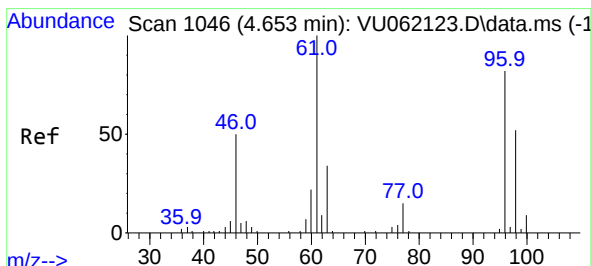
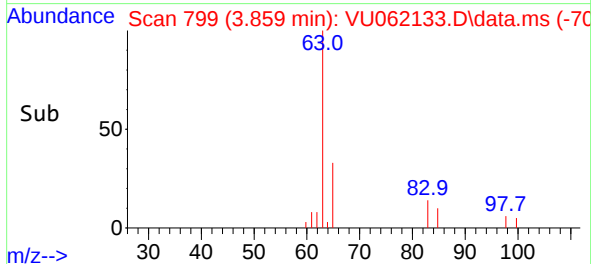
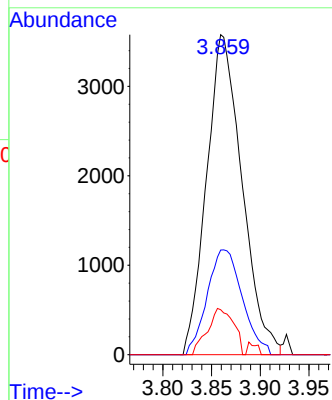
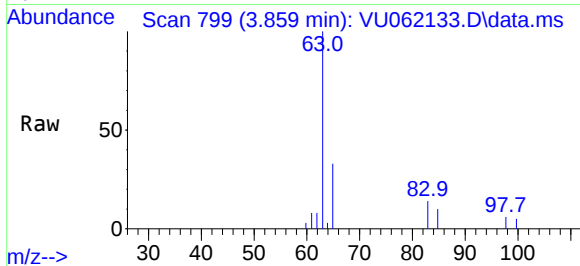
Tgt Ion: 63 Resp: 9043

Ion Ratio Lower Upper

63 100

65 32.7 22.7 42.3

83 14.1 9.9 18.3



#22

cis-1,2-Dichloroethene

Concen: 5.050 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU062133.D

Acq: 06 Dec 2024 14:55

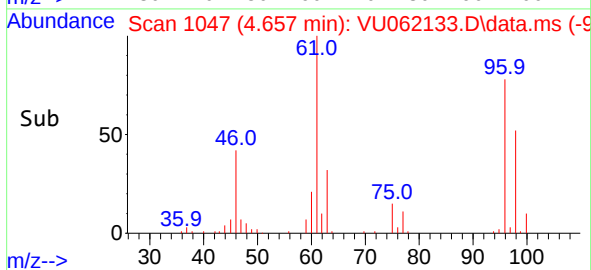
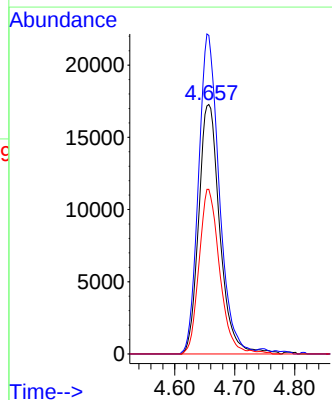
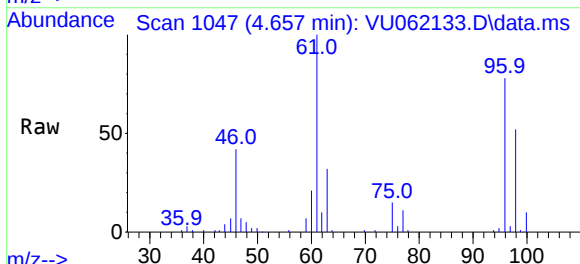
Tgt Ion: 96 Resp: 42412

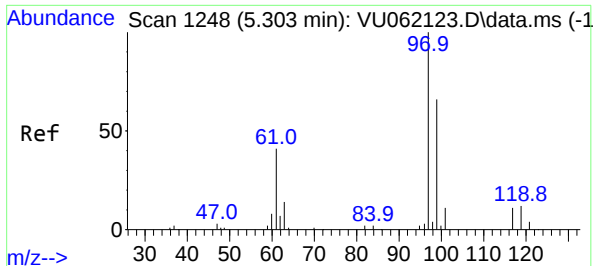
Ion Ratio Lower Upper

96 100

61 127.7 92.0 170.8

98 66.0 44.5 82.7

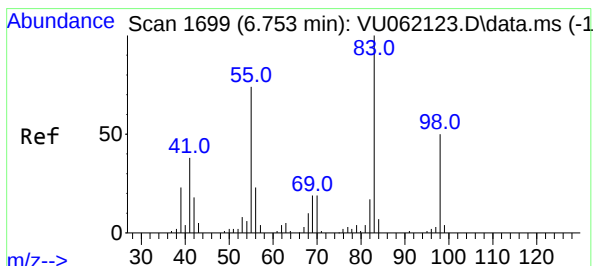
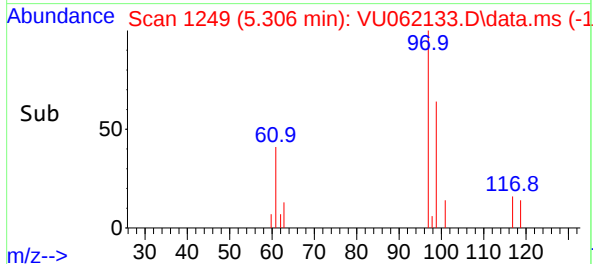
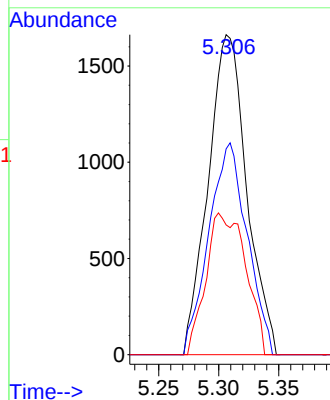
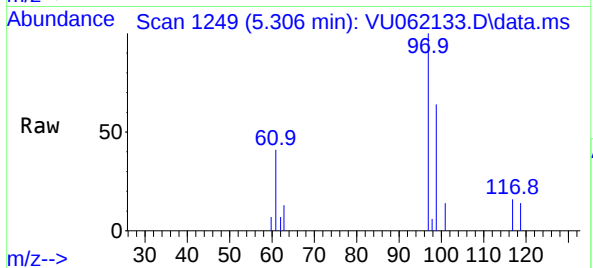




#29
1,1,1-Trichloroethane
Concen: 0.326 ug/L
RT: 5.306 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU062133.D
Acq: 06 Dec 2024 14:55

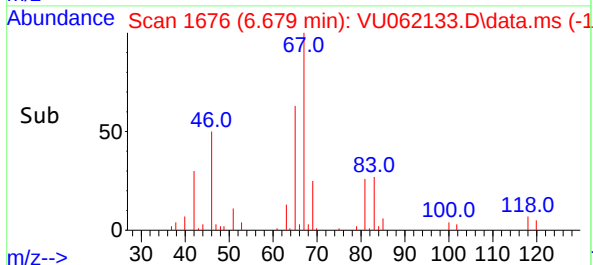
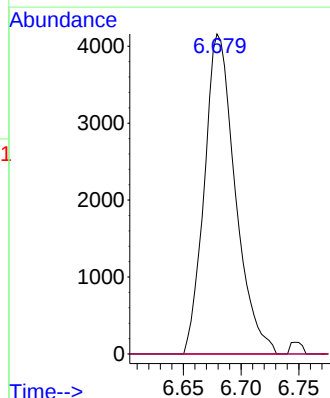
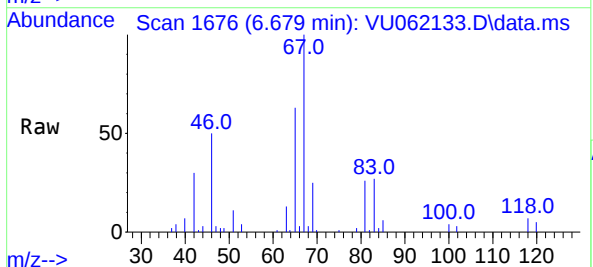
Instrument :
MSVOA_U
ClientSampleId :

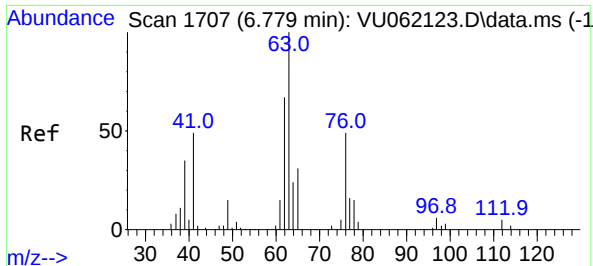
Tgt Ion:	97	Resp:	3721
Ion	Ratio	Lower	Upper
97	100		
99	66.0	51.4	77.2
61	45.8	37.8	56.6



#35
Methylcyclohexane
Concen: 0.633 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU062133.D
Acq: 06 Dec 2024 14:55

Tgt Ion:	83	Resp:	7735
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.7	91.1#
98	0.0	34.8	52.2#

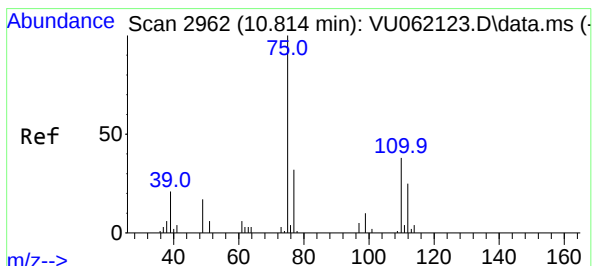
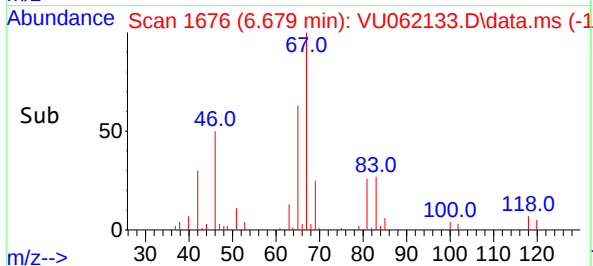
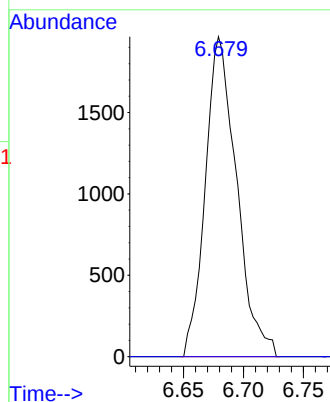
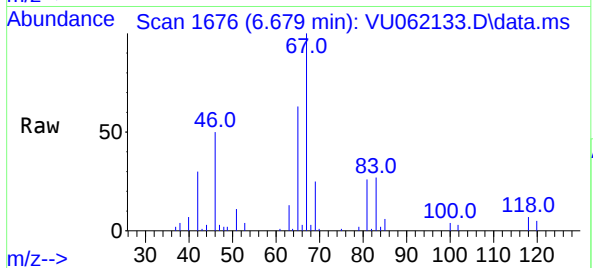




#37
1,2-Dichloropropane
Concen: 0.459 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU062133.D
Acq: 06 Dec 2024 14:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3567
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#61
1,2,3-Trichloropropane
Concen: 0.973 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU062133.D
Acq: 06 Dec 2024 14:55

Tgt Ion: 75 Resp: 5224
Ion Ratio Lower Upper
75 100
110 1.2 28.9 43.3#
77 36.4 26.5 39.7

