

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121824\
 Data File : VU062434.D
 Acq On : 18 Dec 2024 20:22
 Operator : MD/SY
 Sample : P5309-10DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 00:16:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 19 00:12:34 2024
 Response via : Initial Calibration

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

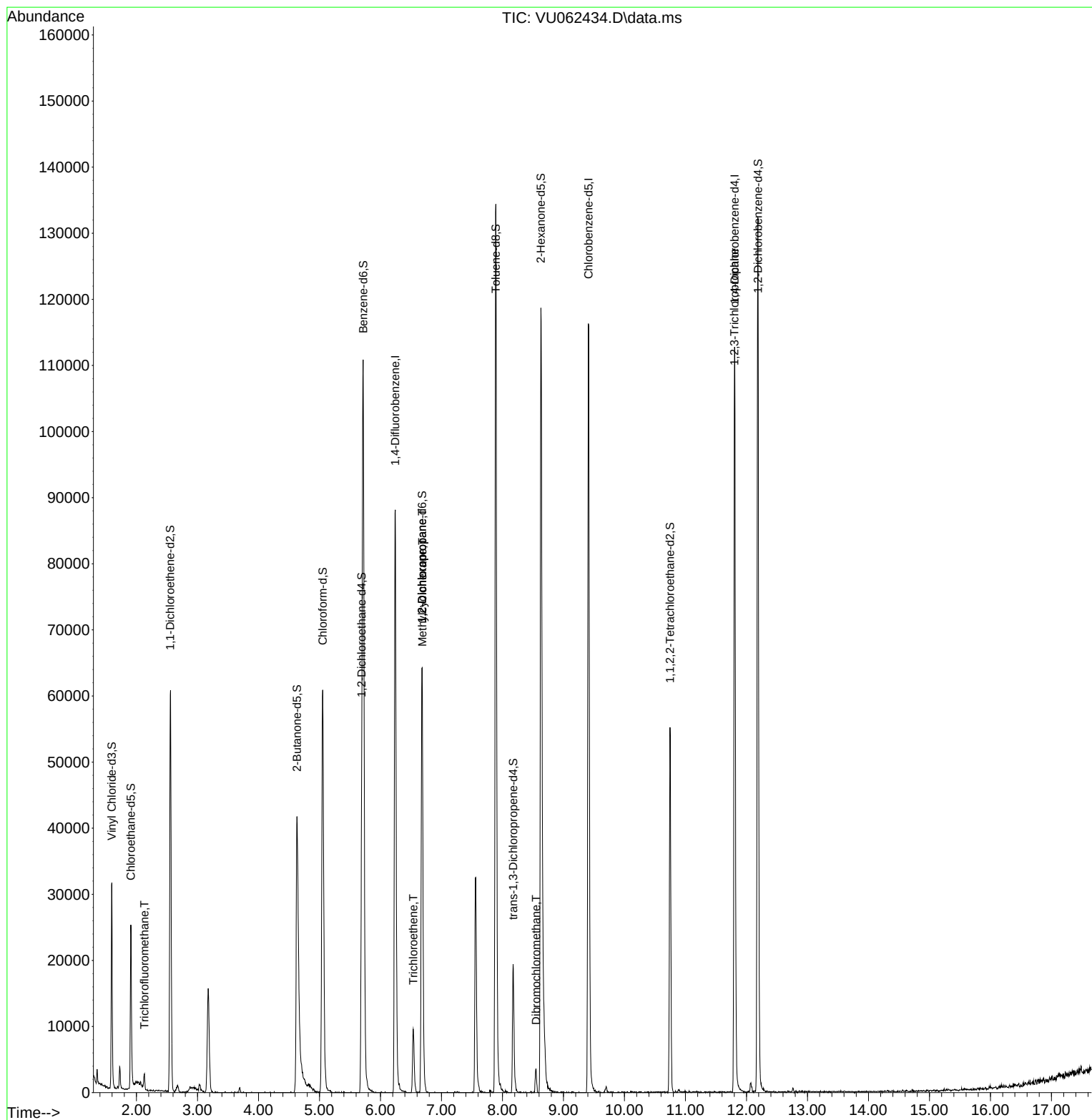
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	75676	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	69437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34137	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21558	4.223	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.908	69	18180	5.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.554	65	11660	4.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.631	46	55445	56.678	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.360%
24) Chloroform-d	5.052	84	60330	5.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
26) 1,2-Dichloroethane-d4	5.692	65	32619	6.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.000%
32) Benzene-d6	5.718	84	105511	5.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	6.682	67	30395	5.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.891	98	96330	5.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	8.174	79	13254	5.262	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.200%
46) 2-Hexanone-d5	8.631	63	42902	56.460	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.920%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24956	5.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	37946	6.032	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.600%#
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.129	101	1468	0.146	ug/L	96
34) Trichloroethene	6.538	95	3623	0.594	ug/L	97
35) Methylcyclohexane	6.685	83	8592	0.951	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	3542	0.676	ug/L #	87
49) Dibromochloromethane	8.550	129	872	0.182	ug/L #	13
61) 1,2,3-Trichloropropane	11.801	75	3123	0.989	ug/L #	66

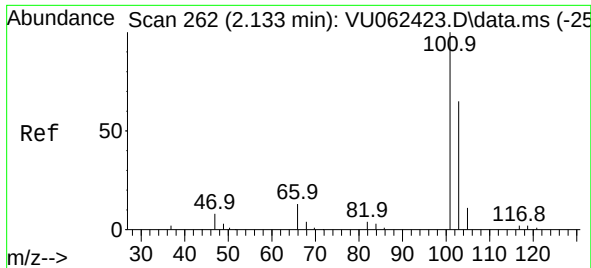
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121824\
Data File : VU062434.D
Acq On : 18 Dec 2024 20:22
Operator : MD/SY
Sample : P5309-10DL 4X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 19 00:16:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 19 00:12:34 2024
Response via : Initial Calibration

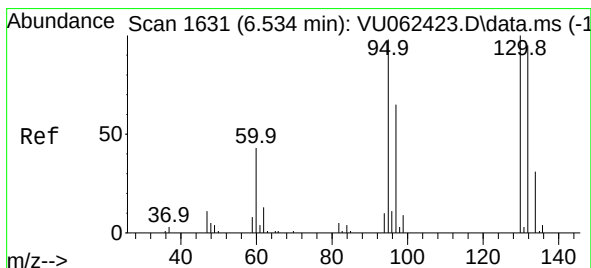
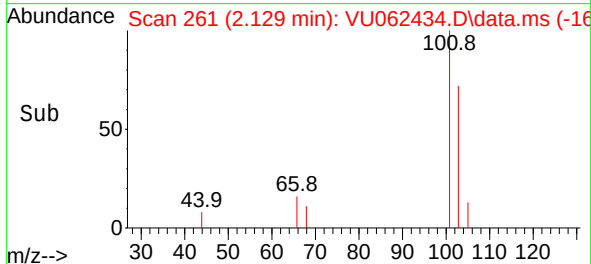
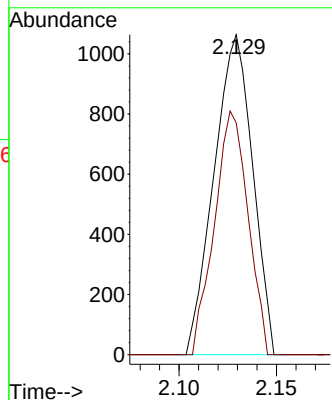
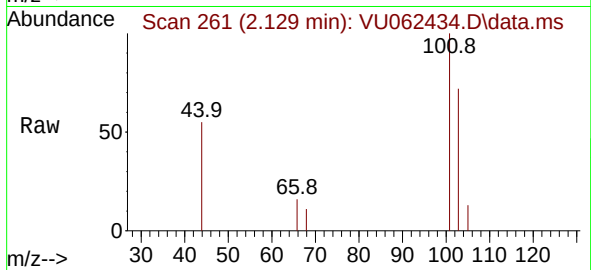




#9
Trichlorofluoromethane
Concen: 0.146 ug/L
RT: 2.129 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU062434.D
Acq: 18 Dec 2024 20:22

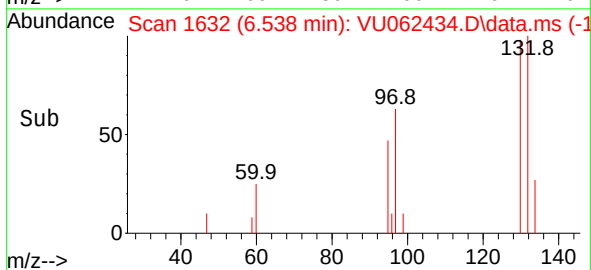
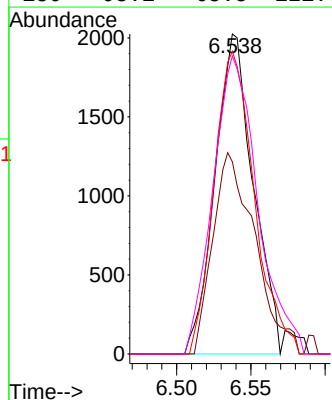
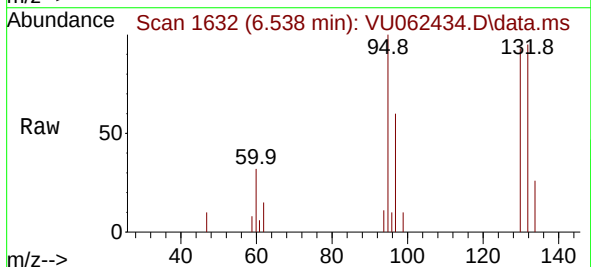
Instrument :
MSVOA_U
ClientSampleId :

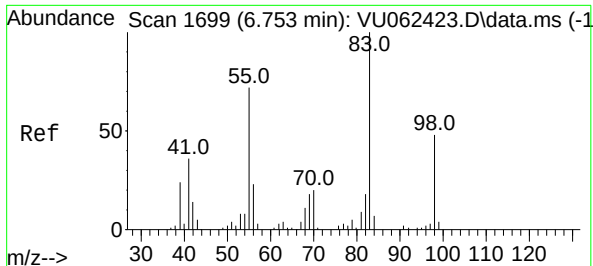
Tgt Ion:101 Resp: 1468
Ion Ratio Lower Upper
101 100
103 66.1 50.6 75.8



#34
Trichloroethene
Concen: 0.594 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU062434.D
Acq: 18 Dec 2024 20:22

Tgt Ion: 95 Resp: 3623
Ion Ratio Lower Upper
95 100
97 60.0 45.9 85.3
132 94.6 63.8 118.4
130 93.1 65.5 121.7





#35

Methylcyclohexane

Concen: 0.951 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.068 min

Lab File: VU062434.D

Acq: 18 Dec 2024 20:22

Instrument :

MSVOA_U

ClientSampleId :

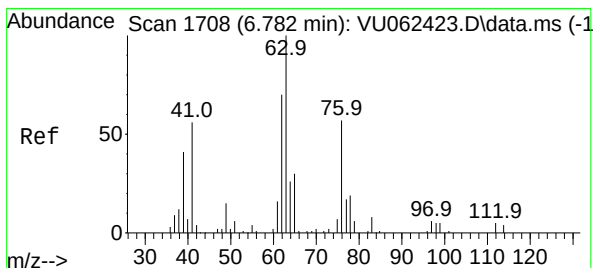
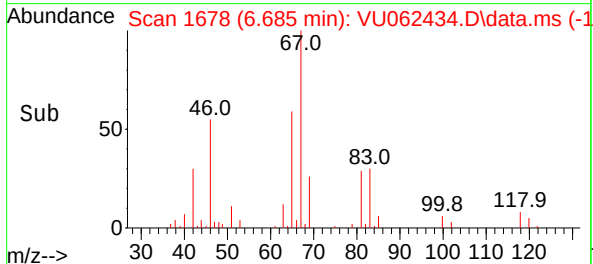
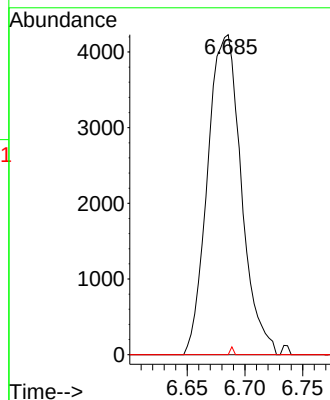
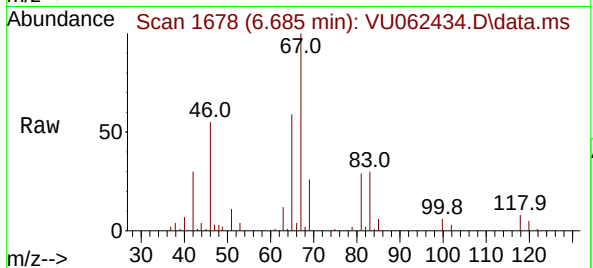
Tgt Ion: 83 Resp: 8592

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.2 34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.676 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU062434.D

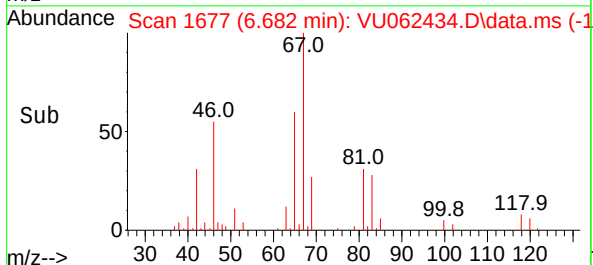
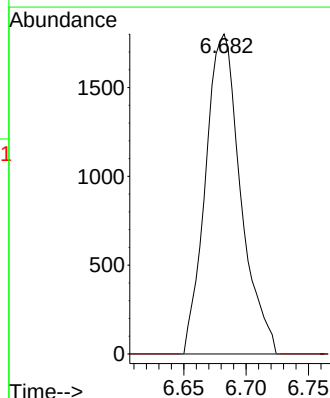
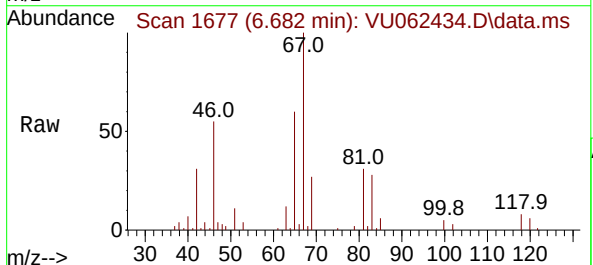
Acq: 18 Dec 2024 20:22

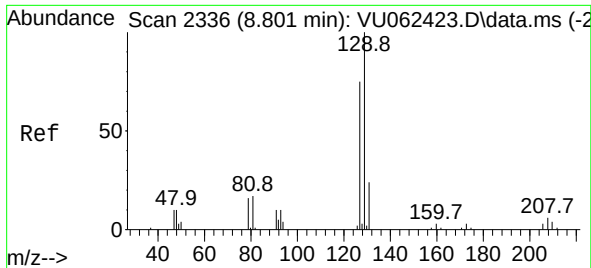
Tgt Ion: 63 Resp: 3542

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#49

Dibromochloromethane

Concen: 0.182 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU062434.D

Acq: 18 Dec 2024 20:22

Instrument :

MSVOA_U

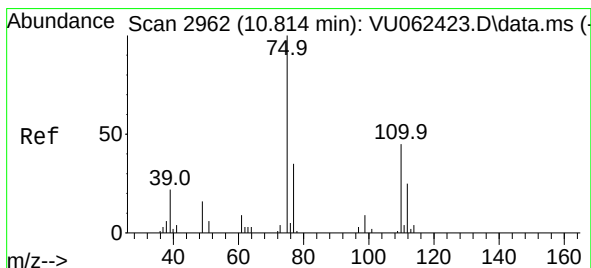
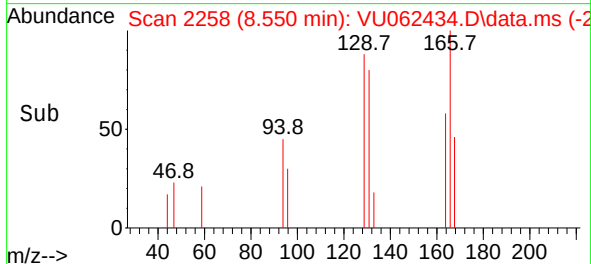
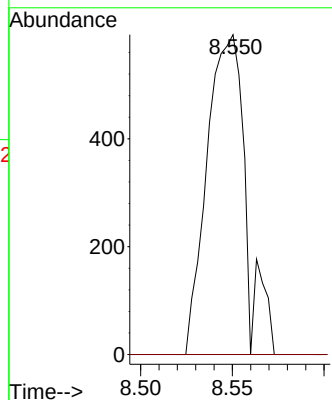
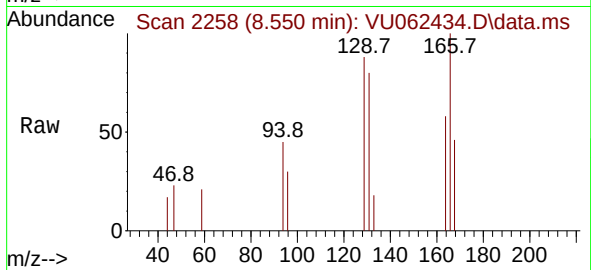
ClientSampleId :

Tgt Ion:129 Resp: 872

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#61

1,2,3-Trichloropropane

Concen: 0.989 ug/L

RT: 11.801 min Scan# 3269

Delta R.T. 0.987 min

Lab File: VU062434.D

Acq: 18 Dec 2024 20:22

Tgt Ion: 75 Resp: 3123

Ion Ratio Lower Upper

75 100

110 1.4 28.9 43.3#

77 37.5 26.5 39.7

