

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054524.D
 Acq On : 15 Jun 2023 14:22
 Operator : MD/SY
 Sample : 03253-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYW2

Quant Time: Jun 16 01:31:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

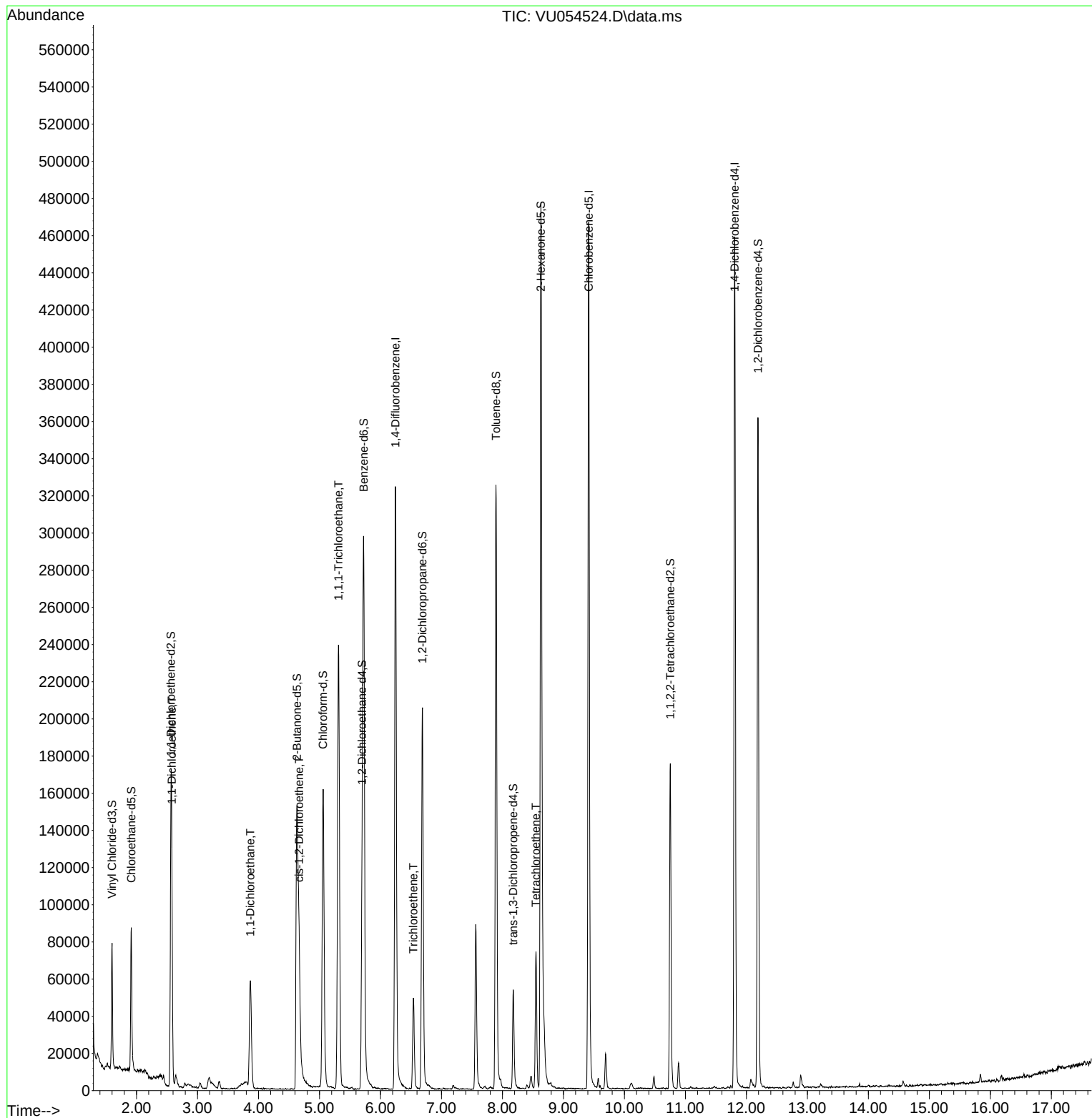
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	271096	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	268376	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	130992	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	50253	2.913	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.200%
7) Chloroethane-d5	1.914	69	59472	3.682	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.563	65	25202	3.271	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	4.631	46	250241	51.588	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.180%
24) Chloroform-d	5.058	84	156483	4.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.698	65	79066	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.724	84	277236	3.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	6.688	67	102210	4.102	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.894	98	228706	3.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.000%#
43) trans-1,3-Dichloroprop...	8.177	79	33124	3.823	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.630	63	158953	43.730	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.460%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	85697	4.613	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	97112	4.395	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.579	96	25592	1.302	ug/L #	63
19) 1,1-Dichloroethane	3.865	63	69616	1.657	ug/L	99
22) cis-1,2-Dichloroethene	4.666	96	24209	1.047	ug/L	93
29) 1,1,1-Trichloroethane	5.312	97	174267	4.789	ug/L	99
34) Trichloroethene	6.541	95	16848	0.661	ug/L	97
47) Tetrachloroethene	8.550	164	16473	0.844	ug/L	97

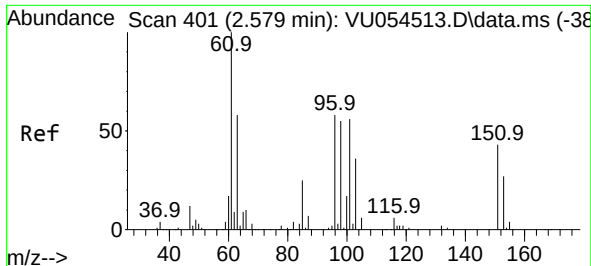
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
Data File : VU054524.D
Acq On : 15 Jun 2023 14:22
Operator : MD/SY
Sample : 03253-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYW2

Quant Time: Jun 16 01:31:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 14 00:05:43 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.302 ug/L

RT: 2.579 min Scan# 401

Delta R.T. -0.000 min

Lab File: VU054524.D

Acq: 15 Jun 2023 14:22

Instrument :

MSVOA_U

ClientSampleId :

EXYW2

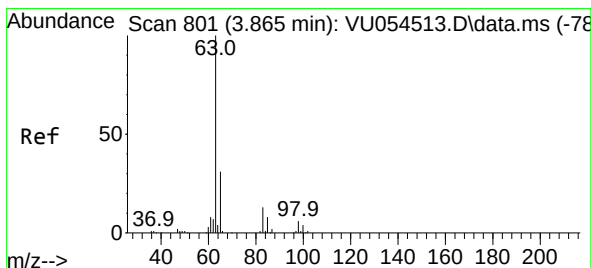
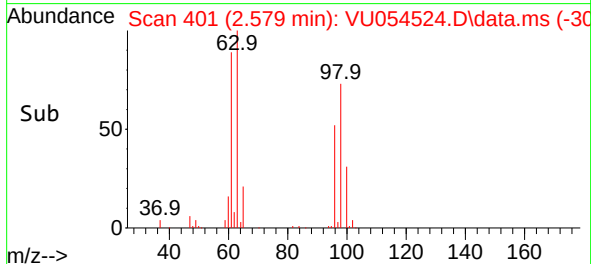
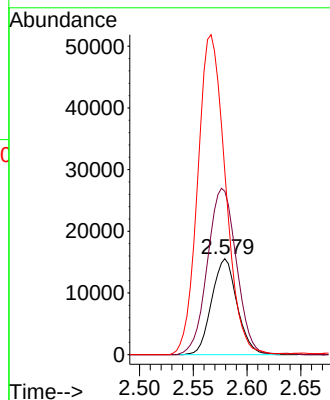
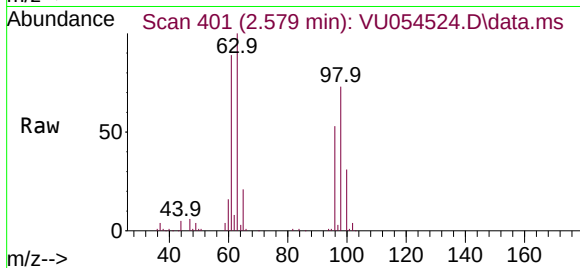
Tgt Ion: 96 Resp: 25592

Ion Ratio Lower Upper

96 100

61 170.1 119.9 222.7

63 190.3 64.3 119.3#



#19

1,1-Dichloroethane

Concen: 1.657 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU054524.D

Acq: 15 Jun 2023 14:22

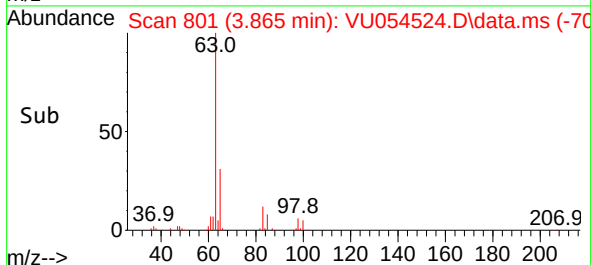
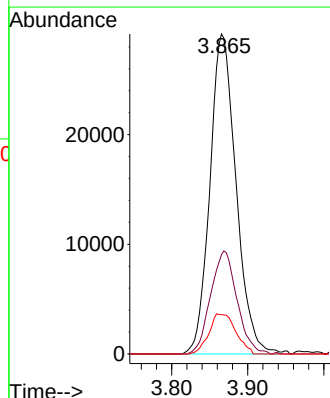
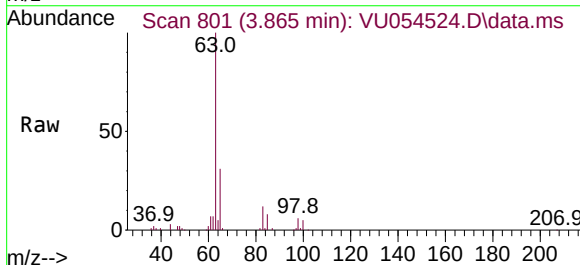
Tgt Ion: 63 Resp: 69616

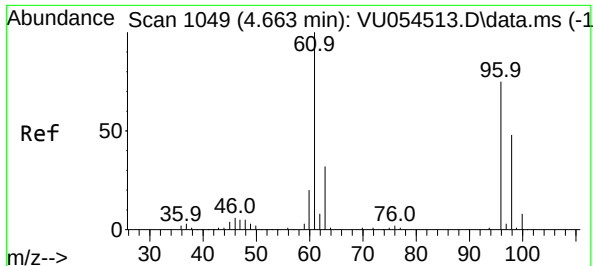
Ion Ratio Lower Upper

63 100

65 31.0 22.2 41.2

83 12.3 9.0 16.6





#22

cis-1,2-Dichloroethene

Concen: 1.047 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU054524.D

Acq: 15 Jun 2023 14:22

Instrument :

MSVOA_U

ClientSampleId :

EXYW2

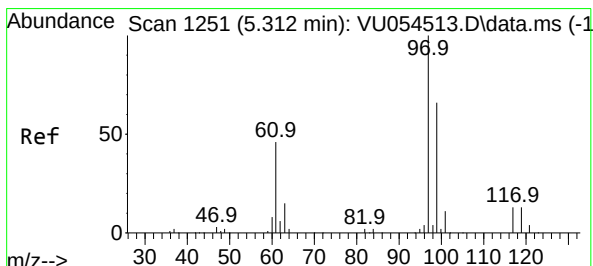
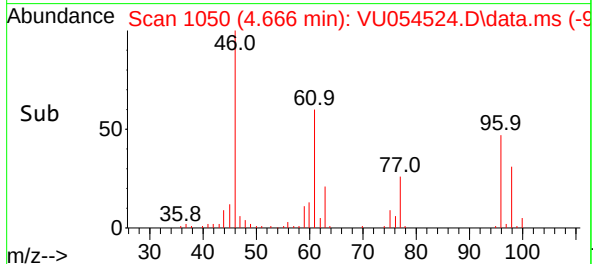
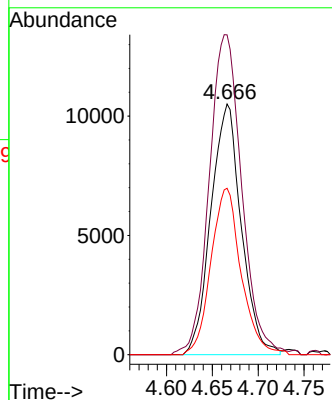
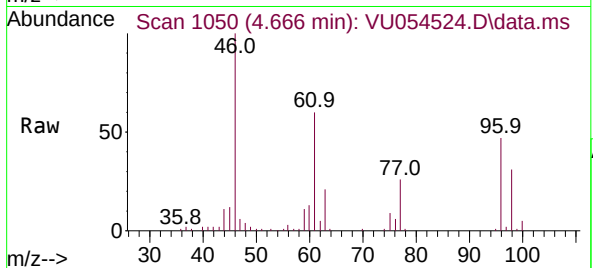
Tgt Ion: 96 Resp: 24209

Ion Ratio Lower Upper

96 100

61 127.6 96.5 179.1

98 66.4 44.9 83.3



#29

1,1,1-Trichloroethane

Concen: 4.789 ug/L

RT: 5.312 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VU054524.D

Acq: 15 Jun 2023 14:22

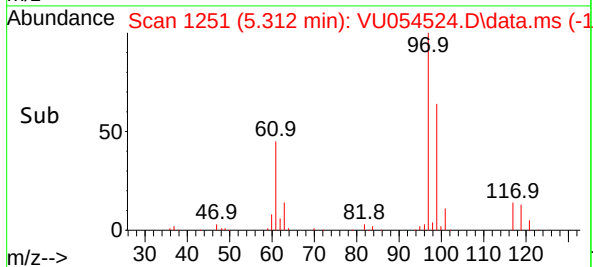
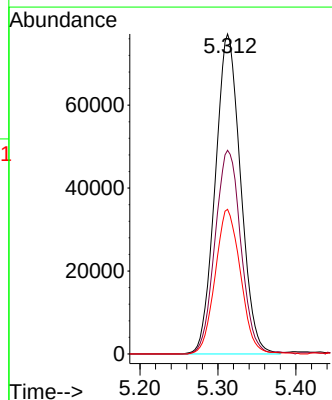
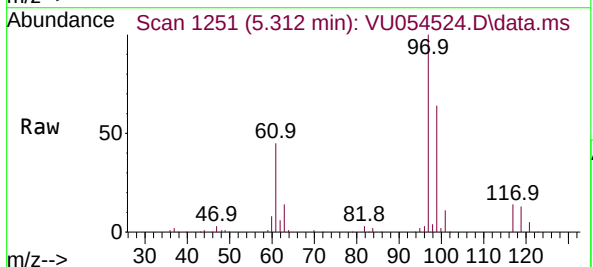
Tgt Ion: 97 Resp: 174267

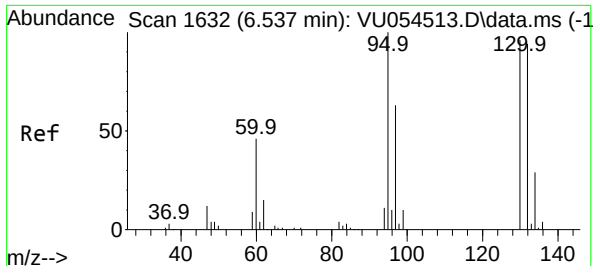
Ion Ratio Lower Upper

97 100

99 64.8 50.8 76.2

61 45.3 36.1 54.1

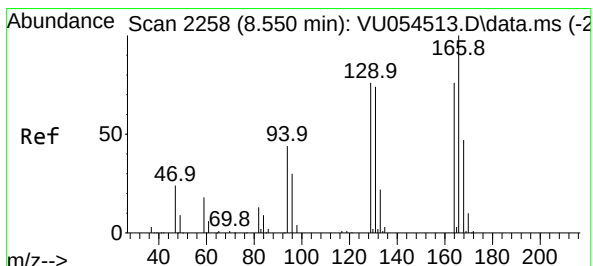
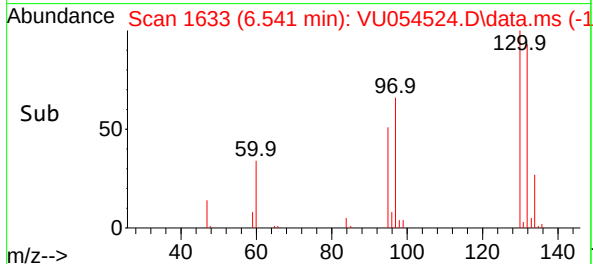
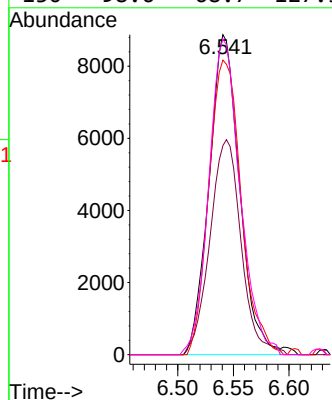
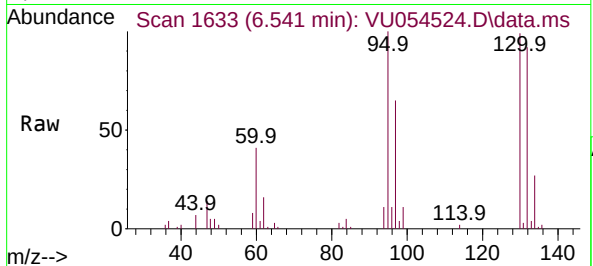




#34
Trichloroethene
Concen: 0.661 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU054524.D
Acq: 15 Jun 2023 14:22

Instrument :
MSVOA_U
ClientSampleId :
EXYW2

Tgt Ion: 95 Resp: 16848
Ion Ratio Lower Upper
95 100
97 65.4 46.8 87.0
132 92.1 68.4 127.0
130 98.6 68.7 127.5



#47
Tetrachloroethene
Concen: 0.844 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054524.D
Acq: 15 Jun 2023 14:22

Tgt Ion: 164 Resp: 16473
Ion Ratio Lower Upper
164 100
129 94.1 67.7 125.7
131 88.7 64.6 120.0
166 122.6 88.1 163.7

