

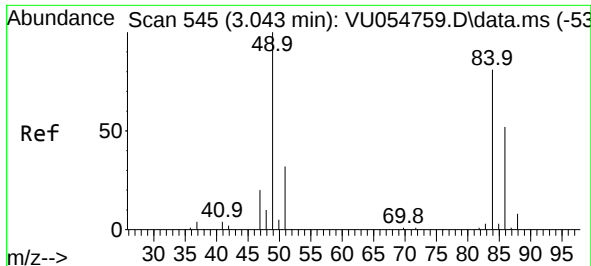
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070523\
 Data File : VU054764.D
 Acq On : 05 Jul 2023 12:20
 Operator : MD/SY
 Sample : 03495-12DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FC1DL

Quant Time: Jul 06 01:03:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 06 01:01:36 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	209958	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	207156	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	96393	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53822	4.028	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.600%	
7) Chloroethane-d5	1.907	69	52064	4.162	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.200%	
11) 1,1-Dichloroethene-d2	2.560	65	24402	4.089	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.800%	
20) 2-Butanone-d5	4.627	46	222704	59.280	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.560%	
24) Chloroform-d	5.058	84	129877	4.650	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
26) 1,2-Dichloroethane-d4	5.698	65	70723	5.194	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.800%	
32) Benzene-d6	5.724	84	234217	4.067	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
36) 1,2-Dichloropropane-d6	6.688	67	83869	4.361	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.200%	
41) Toluene-d8	7.894	98	198440	3.883	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.600%	
43) trans-1,3-Dichloroprop...	8.177	79	31043	4.642	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.800%	
46) 2-Hexanone-d5	8.630	63	151516	54.003	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.000%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	74957	5.227	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	79401	4.884	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.600%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	14676	0.685	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	3512	0.196	ug/L	92
34) Trichloroethene	6.541	95	36473	1.853	ug/L	98
35) Methylcyclohexane	6.688	83	19523	0.656	ug/L #	17
37) 1,2-Dichloropropane	6.688	63	8932	0.444	ug/L #	91
47) Tetrachloroethene	8.550	164	102858	6.825	ug/L	97
48) 2-Hexanone	8.682	43	10045	1.255	ug/L #	82
49) Dibromochloromethane	8.550	129	95451	7.098	ug/L #	11
61) 1,2,3-Trichloropropane	11.810	75	11706	1.202	ug/L #	68

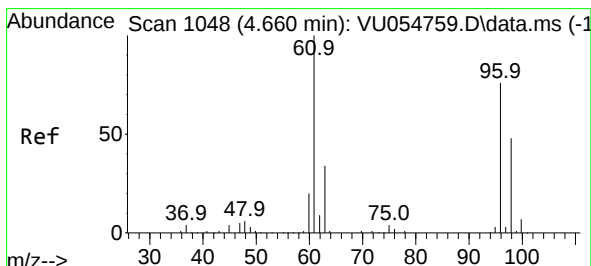
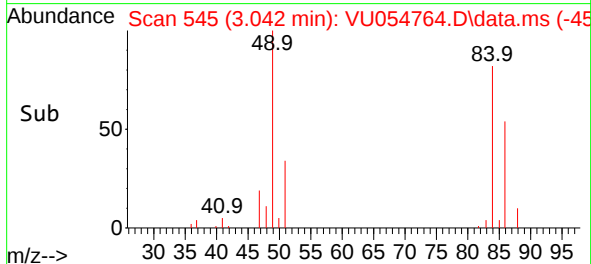
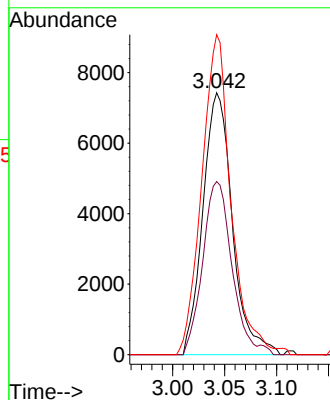
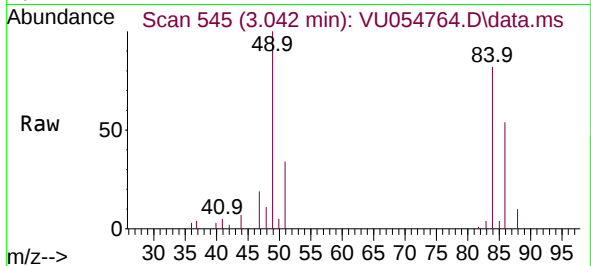
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Methylene chloride
Concen: 0.685 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU054764.D
Acq: 05 Jul 2023 12:20

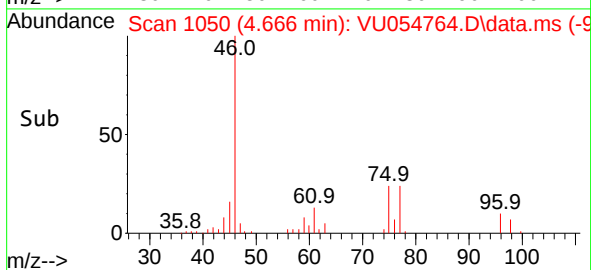
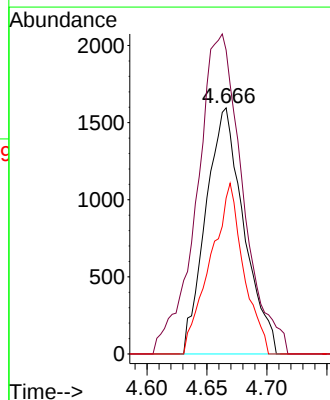
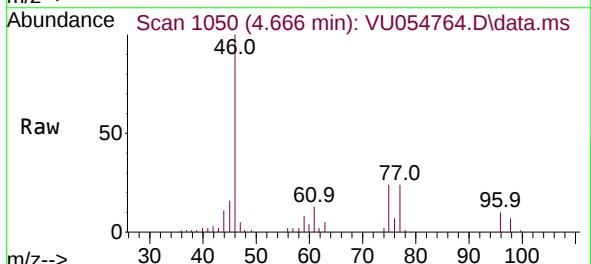
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MSVOA_U
ClientSampleId :
H0FC1DL

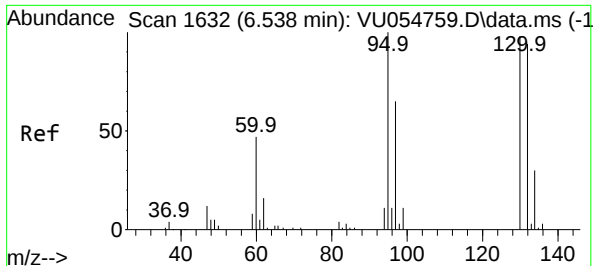
Tgt Ion:	84	Resp:	14676
Ion	Ratio	Lower	Upper
84	100		
86	66.1	43.9	81.5
49	122.2	86.1	159.9



#22
cis-1,2-Dichloroethene
Concen: 0.196 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU054764.D
Acq: 05 Jul 2023 12:20

Tgt Ion:	96	Resp:	3512
Ion	Ratio	Lower	Upper
96	100		
61	123.4	96.5	179.1
98	63.3	44.9	83.3



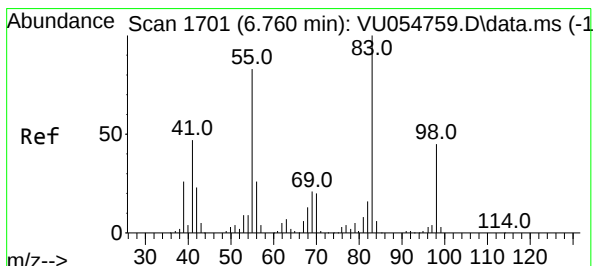
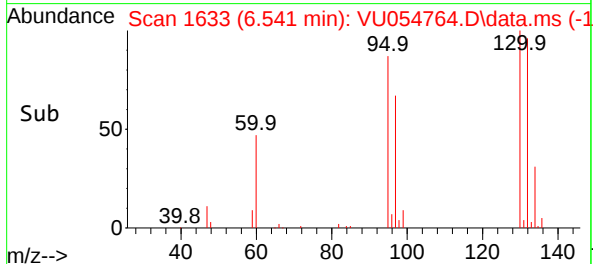
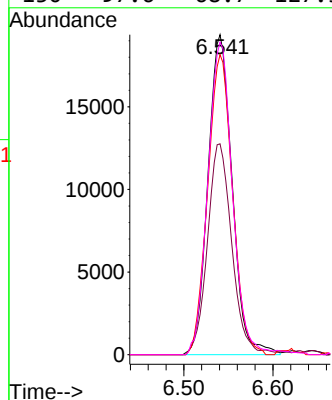
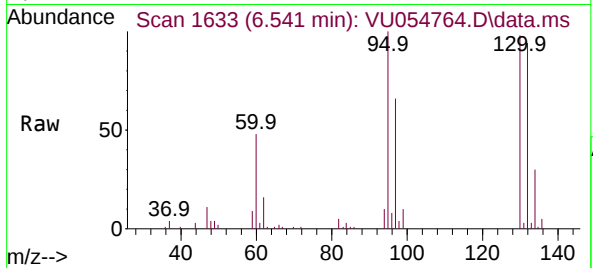


#34
Trichloroethene
Concen: 1.853 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU054764.D
Acq: 05 Jul 2023 12:20

Instrument :
MSVOA_U
ClientSampleId :
H0FC1DL

Tgt Ion: 95 Resp: 36473

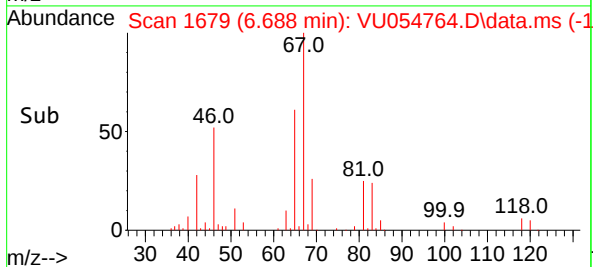
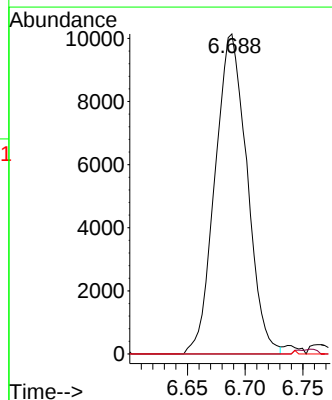
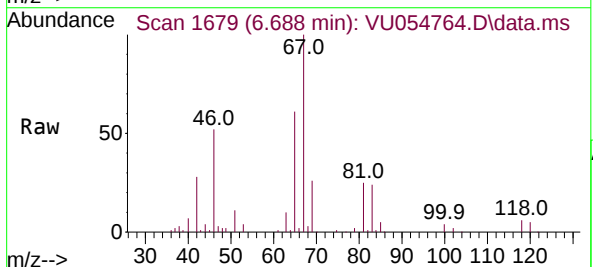
Ion	Ratio	Lower	Upper
95	100		
97	65.9	46.8	87.0
132	93.8	68.4	127.0
130	97.6	68.7	127.5

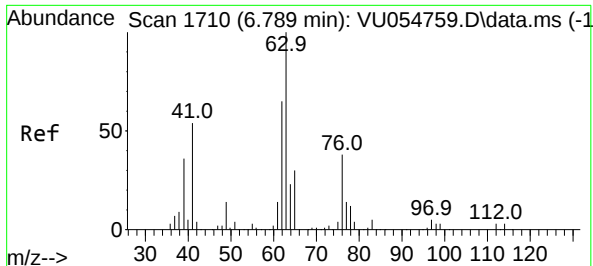


#35
Methylcyclohexane
Concen: 0.656 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054764.D
Acq: 05 Jul 2023 12:20

Tgt Ion: 83 Resp: 19523

Ion	Ratio	Lower	Upper
83	100		
55	0.9	67.1	100.7#
98	0.1	35.1	52.7#

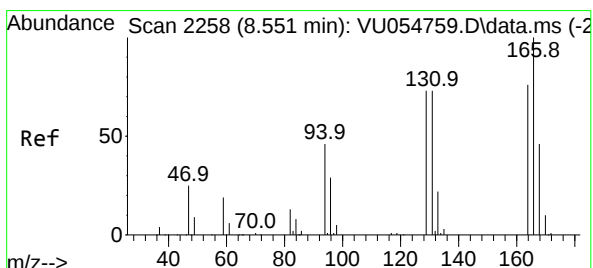
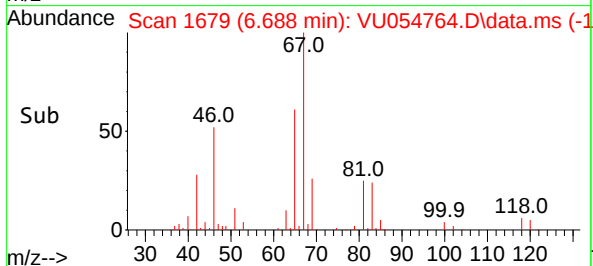
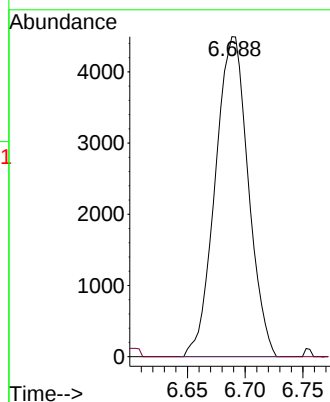
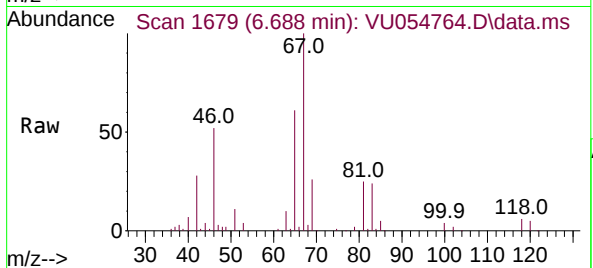




#37
1,2-Dichloropropane
Concen: 0.444 ug/L
RT: 6.688 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU054764.D
Acq: 05 Jul 2023 12:20

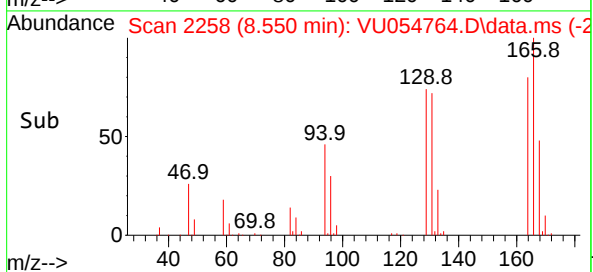
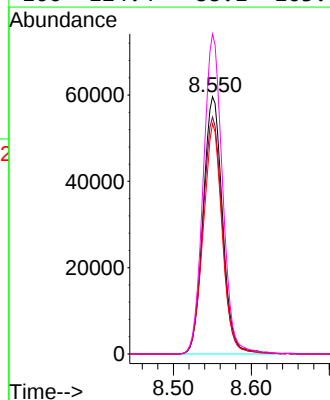
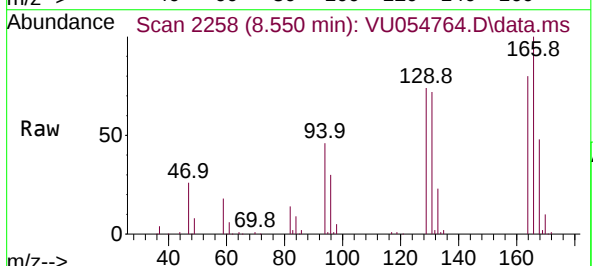
Instrument :
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ClientSampleId :
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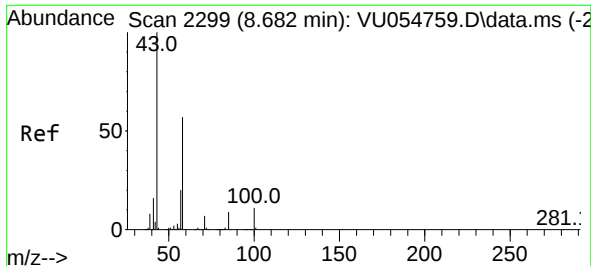
Tgt Ion: 63 Resp: 8932
Ion Ratio Lower Upper
63 100
112 1.0 3.0 4.6#



#47
Tetrachloroethene
Concen: 6.825 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054764.D
Acq: 05 Jul 2023 12:20

Tgt Ion:164 Resp: 102858
Ion Ratio Lower Upper
164 100
129 92.1 67.7 125.7
131 89.5 64.6 120.0
166 124.4 88.1 163.7

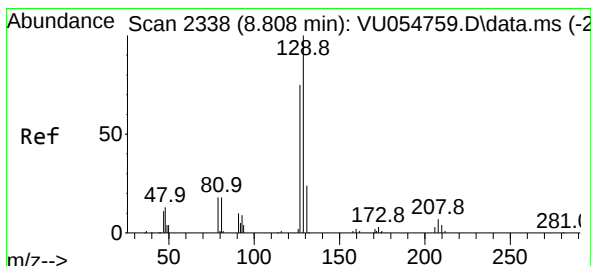
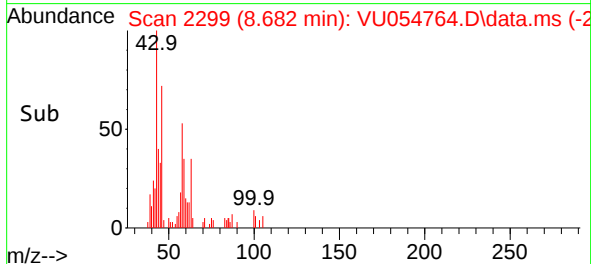
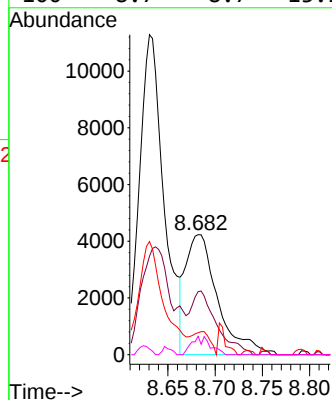
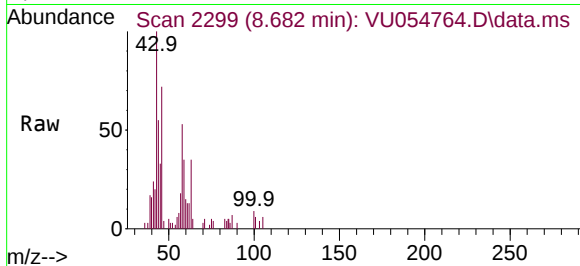




#48
2-Hexanone
Concen: 1.255 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054764.D
Acq: 05 Jul 2023 12:20

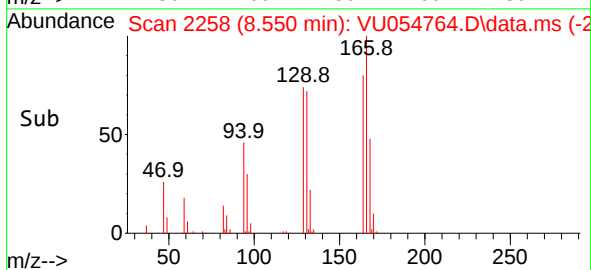
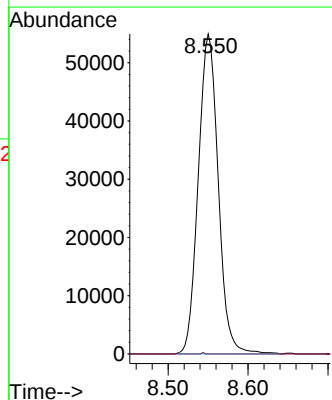
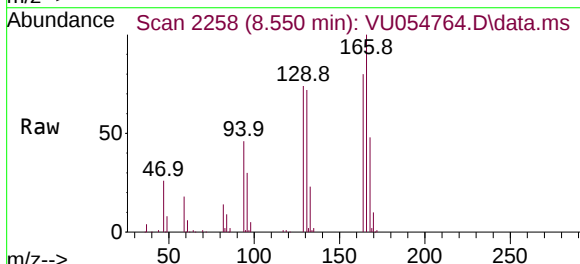
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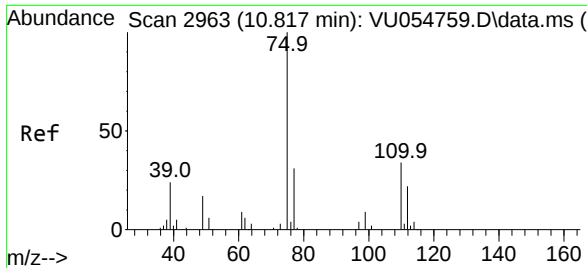
Tgt Ion: 43 Resp: 10045
Ion Ratio Lower Upper
43 100
58 42.4 45.2 67.8#
57 10.2 15.8 23.6#
100 8.7 8.7 13.1#



#49
Dibromochloromethane
Concen: 7.098 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.258 min
Lab File: VU054764.D
Acq: 05 Jul 2023 12:20

Tgt Ion: 129 Resp: 95451
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#





#61
1,2,3-Trichloropropane
Concen: 1.202 ug/L
RT: 11.810 min Scan# 31
Delta R.T. 0.993 min
Lab File: VU054764.D
Acq: 05 Jul 2023 12:20

Instrument :
MSVOA_U
ClientSampleId :
H0FC1DL

Tgt Ion: 75 Resp: 11706
Ion Ratio Lower Upper
75 100
110 1.9 28.0 42.0#
77 34.2 25.4 38.2

