

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092823\
 Data File : VU055579.D
 Acq On : 28 Sep 2023 15:36
 Operator : MD/SY
 Sample : 04530-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

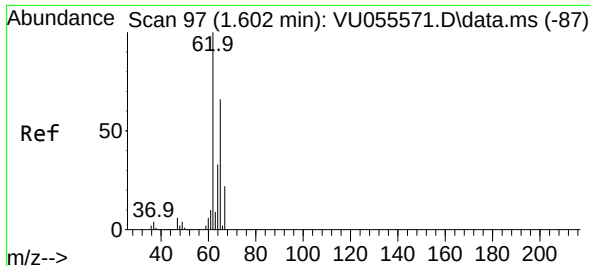
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 29 02:13:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

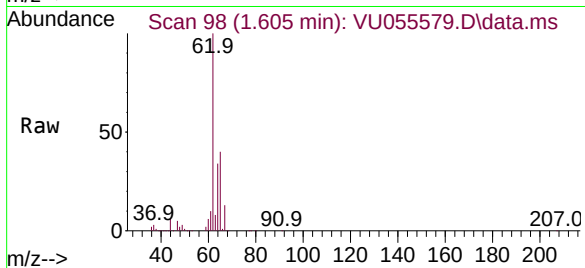
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	198028	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	197656	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	97197	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	84139	4.204	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.000%	
7) Chloroethane-d5	1.914	69	77908	4.417	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.400%	
11) 1,1-Dichloroethene-d2	2.566	65	31471	3.820	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.400%	
20) 2-Butanone-d5	4.631	46	159162	44.027	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.060%	
24) Chloroform-d	5.061	84	157515	4.351	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
26) 1,2-Dichloroethane-d4	5.701	65	77124	4.429	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.600%	
32) Benzene-d6	5.724	84	306890	4.439	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	6.688	67	95314	4.614	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.200%	
41) Toluene-d8	7.894	98	250130	3.969	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.400%	
43) trans-1,3-Dichloroprop...	8.180	79	31536	4.350	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.634	63	90077	40.852	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.700%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	68712	4.438	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.800%	
66) 1,2-Dichlorobenzene-d4	12.193	152	88922	4.533	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.605	62	145083	7.929	ug/L	97
16) Methylene chloride	3.049	84	9411	0.567	ug/L	95
18) trans-1,2-Dichloroethene	3.357	96	2150	0.154	ug/L	91
22) cis-1,2-Dichloroethene	4.663	96	92367	5.709	ug/L	94
33) Benzene	5.772	78	9660	0.170	ug/L	100
35) Methylcyclohexane	6.688	83	22953	0.990	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	10905	0.733	ug/L #	88
48) 2-Hexanone	8.682	43	18044	3.450	ug/L #	74
61) 1,2,3-Trichloropropane	11.807	75	13097	1.726	ug/L #	63

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

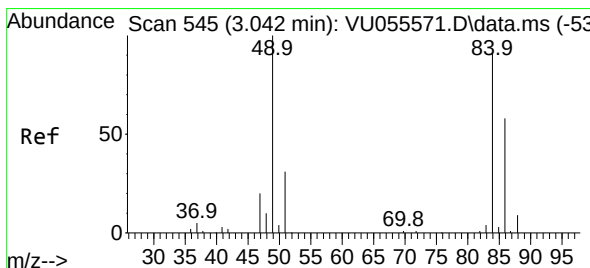
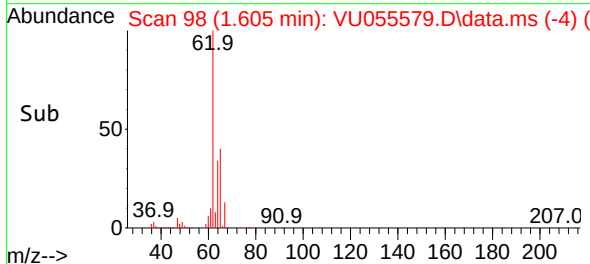
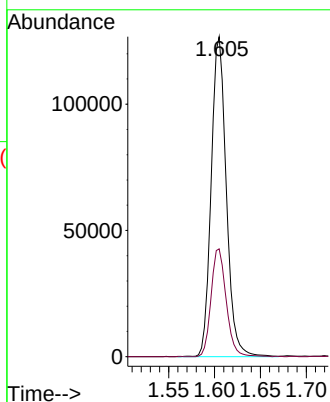


#5
 Vinyl chloride
 Concen: 7.929 ug/L
 RT: 1.605 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU055579.D
 Acq: 28 Sep 2023 15:36

Instrument :
 MSVOA_U
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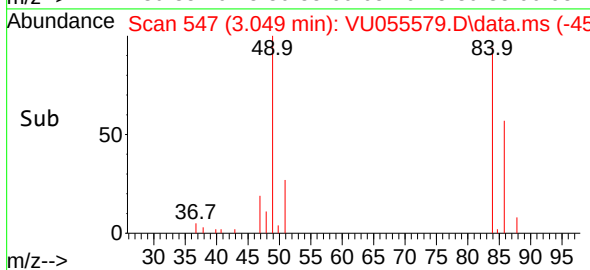
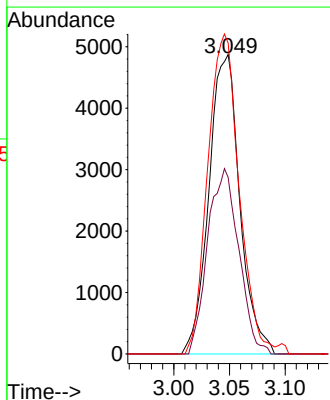
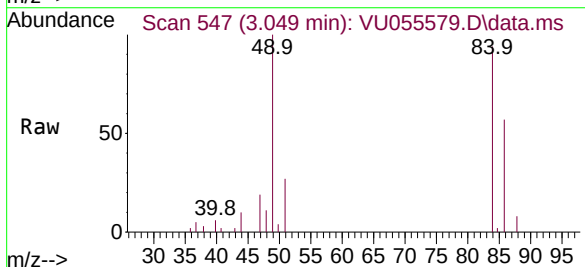


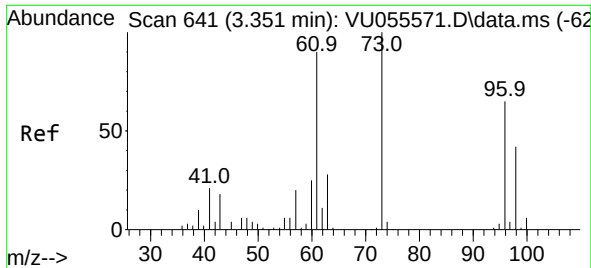
Tgt Ion: 62 Resp: 145083
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.3 41.5



#16
 Methylene chloride
 Concen: 0.567 ug/L
 RT: 3.049 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: VU055579.D
 Acq: 28 Sep 2023 15:36

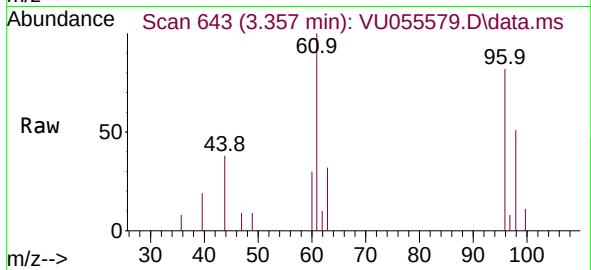
Tgt Ion: 84 Resp: 9411
 Ion Ratio Lower Upper
 84 100
 86 59.0 44.9 83.3
 49 108.0 78.8 146.3



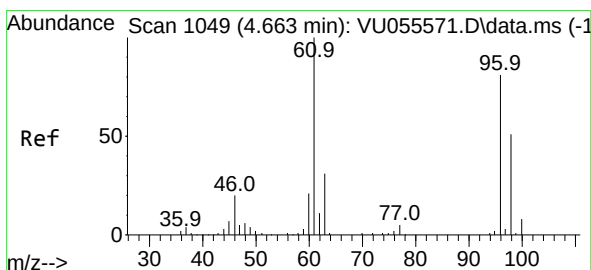
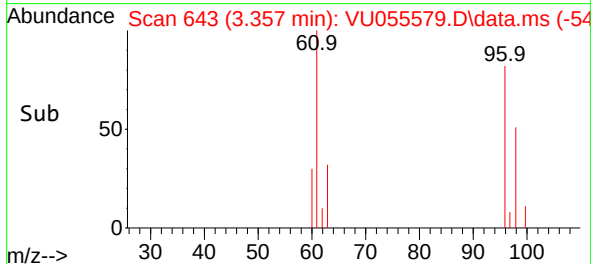
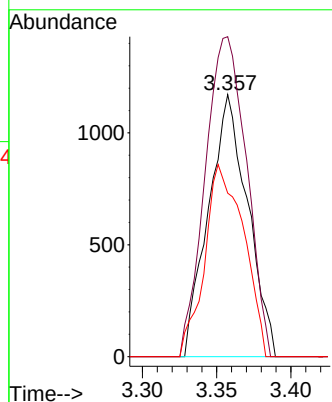


#18
trans-1,2-Dichloroethene
Concen: 0.154 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU055579.D
Acq: 28 Sep 2023 15:36

Instrument :
MSVOA_U
ClientSampleId :

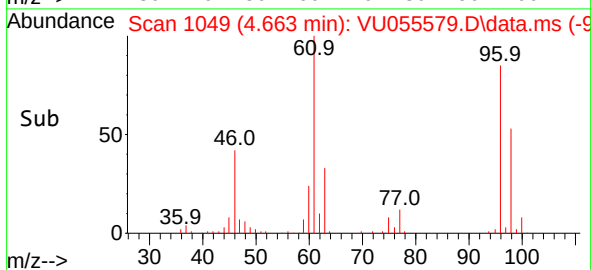
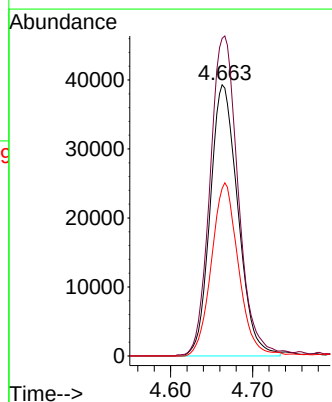
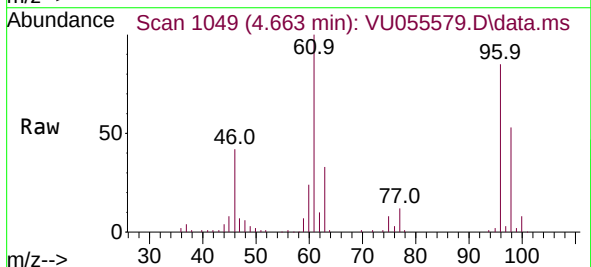


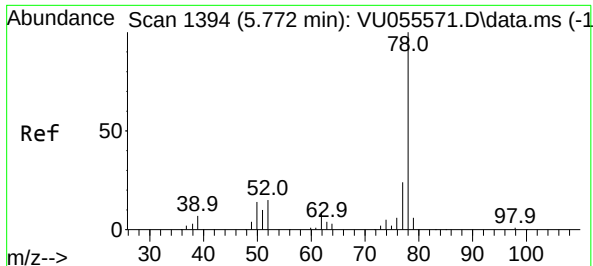
Tgt Ion: 96 Resp: 2150
Ion Ratio Lower Upper
96 100
61 122.1 94.6 175.6
98 62.4 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 5.709 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055579.D
Acq: 28 Sep 2023 15:36

Tgt Ion: 96 Resp: 92367
Ion Ratio Lower Upper
96 100
61 117.1 87.8 163.2
98 61.8 44.4 82.4

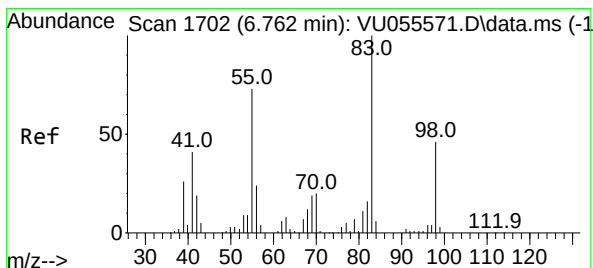
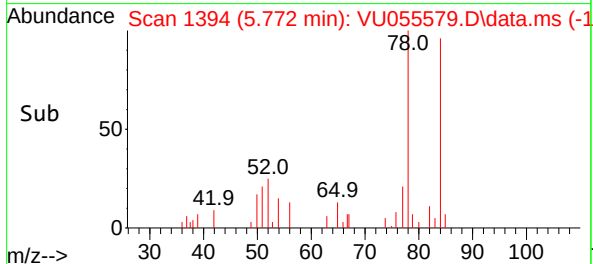
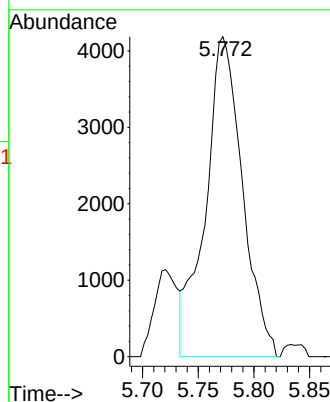
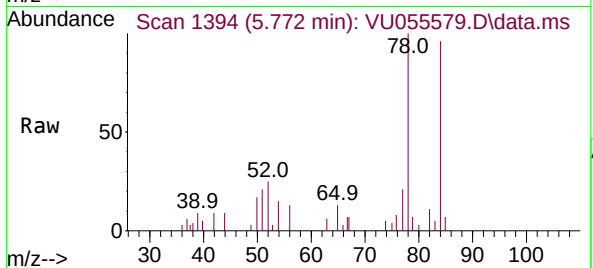




#33
Benzene
Concen: 0.170 ug/L
RT: 5.772 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU055579.D
Acq: 28 Sep 2023 15:36

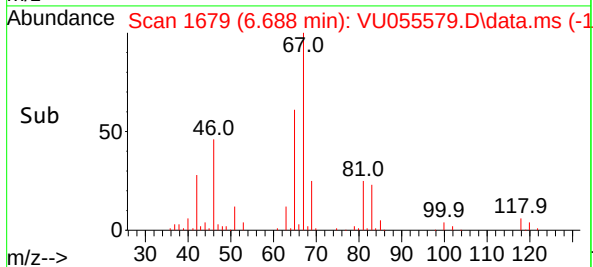
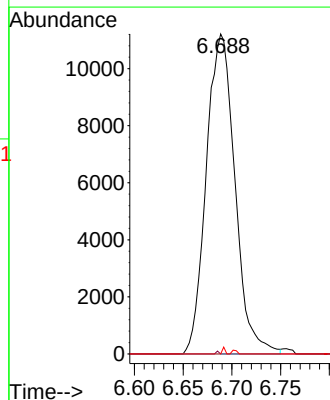
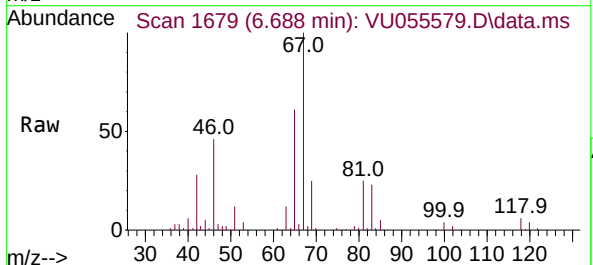
Instrument :
MSVOA_U
ClientSampleId :

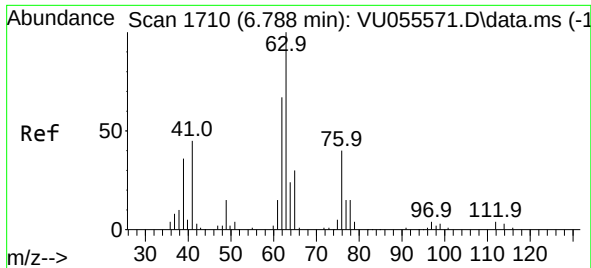
Tgt Ion: 78 Resp: 9660



#35
Methylcyclohexane
Concen: 0.990 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055579.D
Acq: 28 Sep 2023 15:36

Tgt Ion: 83 Resp: 22953
Ion Ratio Lower Upper
83 100
55 0.1 59.1 88.7#
98 0.2 36.3 54.5#

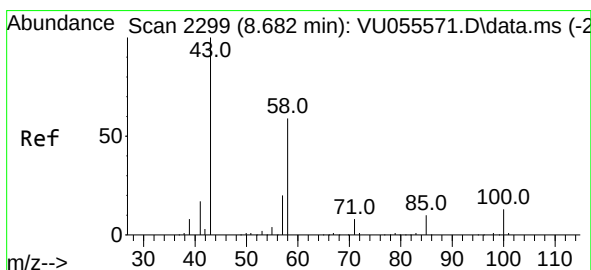
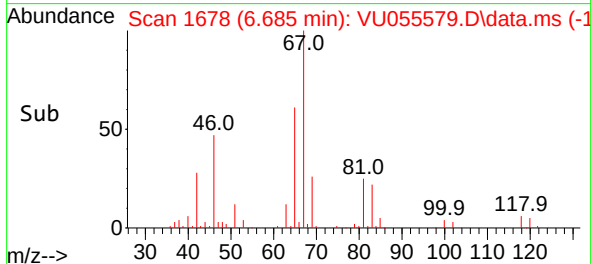
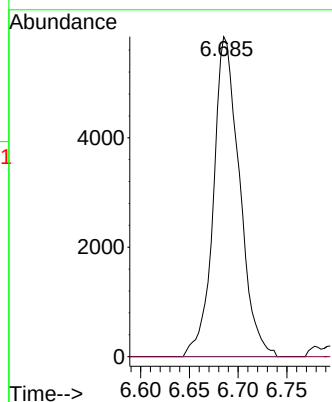
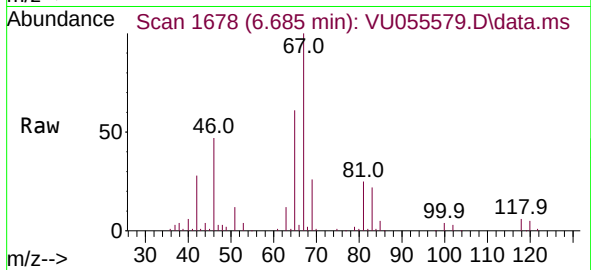




#37
1,2-Dichloropropane
Concen: 0.733 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU055579.D
Acq: 28 Sep 2023 15:36

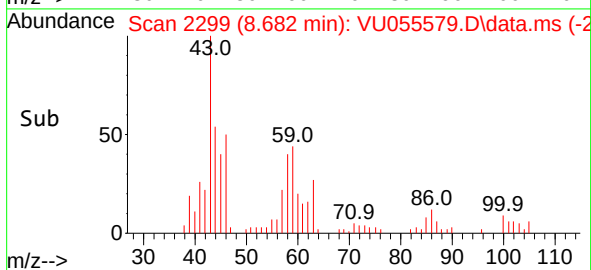
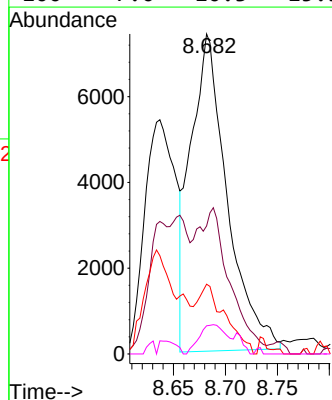
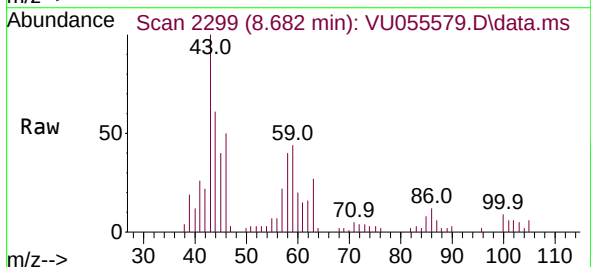
Instrument :
MSVOA_U
ClientSampleId :

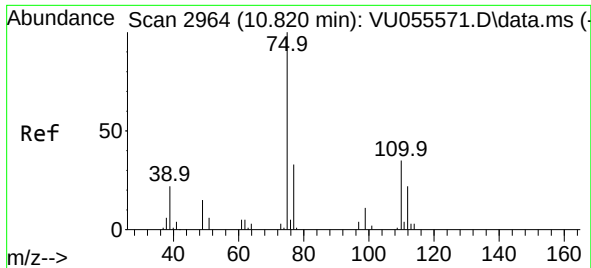
Tgt Ion: 63 Resp: 10905
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



#48
2-Hexanone
Concen: 3.450 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.001 min
Lab File: VU055579.D
Acq: 28 Sep 2023 15:36

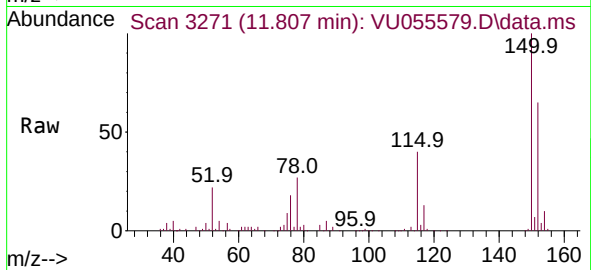
Tgt Ion: 43 Resp: 18044
Ion Ratio Lower Upper
43 100
58 35.1 48.5 72.7#
57 16.5 17.0 25.4#
100 7.0 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.726 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055579.D
 Acq: 28 Sep 2023 15:36

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 13097
 Ion Ratio Lower Upper
 75 100
 110 1.2 30.6 45.8#
 77 28.7 26.7 40.1

