

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055508.D
 Acq On : 26 Sep 2023 11:22
 Operator : MD/SY
 Sample : VU0926WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:47:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

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

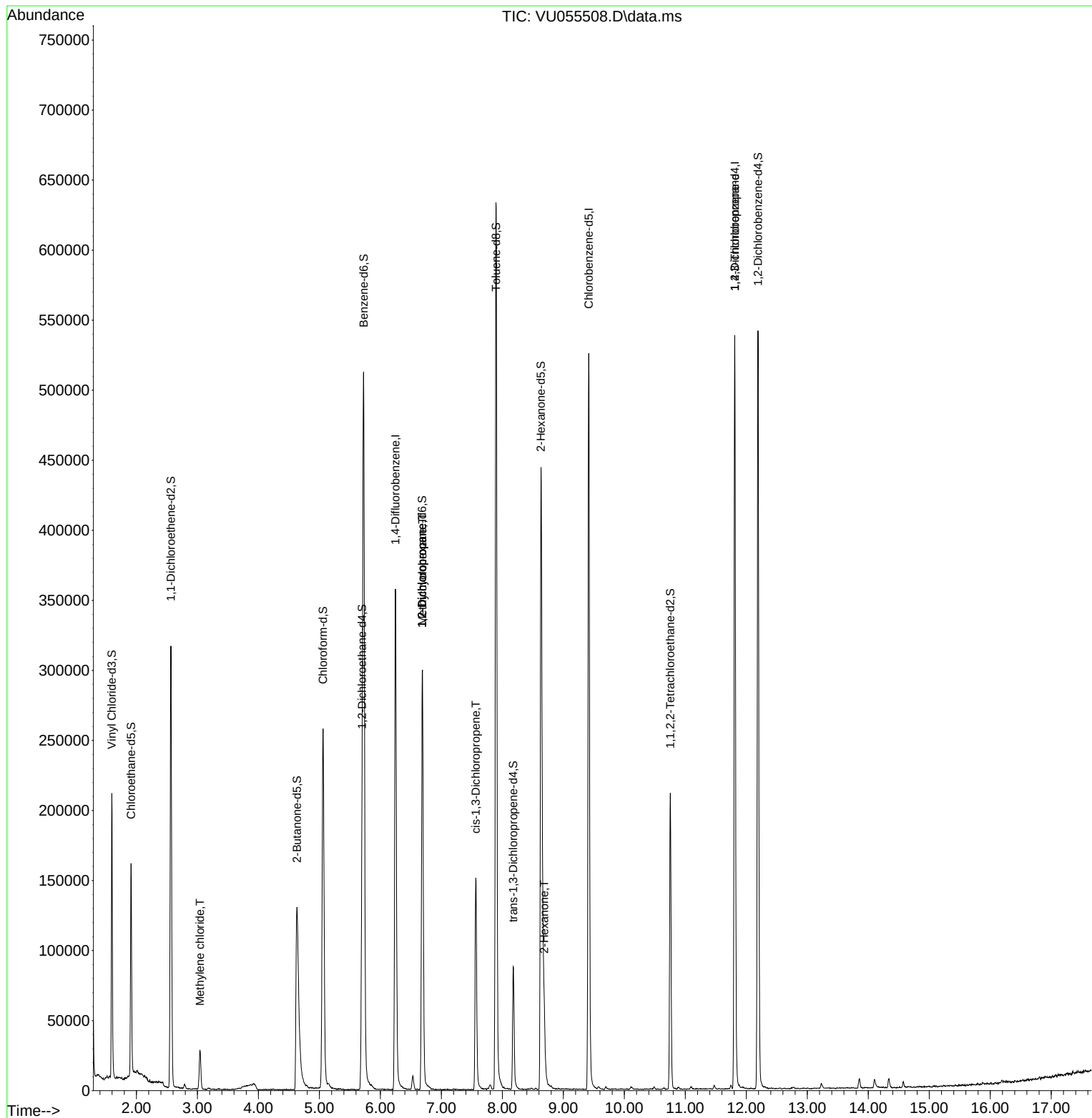
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	301941	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	305601	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	146467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	144869	4.747	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.911	69	111281	4.138	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.564	65	59264	4.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.631	46	250236	45.398	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.800%
24) Chloroform-d	5.059	84	249631	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.698	65	119689	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.724	84	511250	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.686	67	153115	4.794	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.895	98	445165	4.569	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.177	79	54963	4.904	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.631	63	140075	41.088	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.180%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	107549	4.493	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	145521	4.923	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	13902	0.550	ug/L	96
35) Methylcyclohexane	6.689	83	36054	1.006	ug/L	# 20
37) 1,2-Dichloropropane	6.686	63	16421	0.714	ug/L	# 89
39) cis-1,3-Dichloropropene	7.563	75	3965	0.129	ug/L	# 60
48) 2-Hexanone	8.686	43	31587	3.906	ug/L	# 76
61) 1,2,3-Trichloropropane	11.811	75	17364	1.519	ug/L	# 67

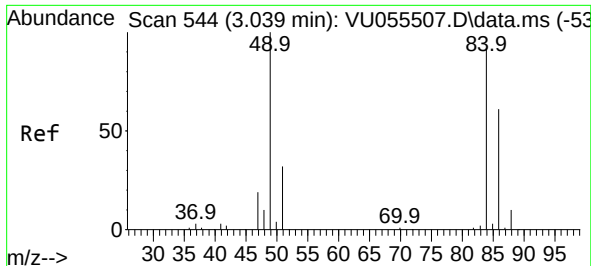
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

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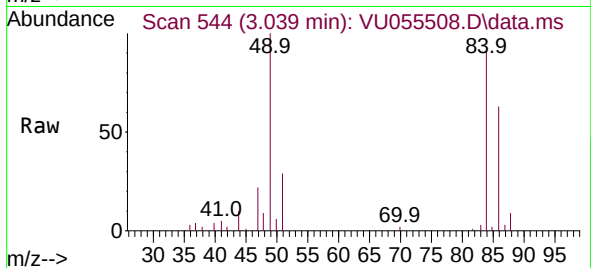
Quant Time: Sep 27 04:47:21 2023
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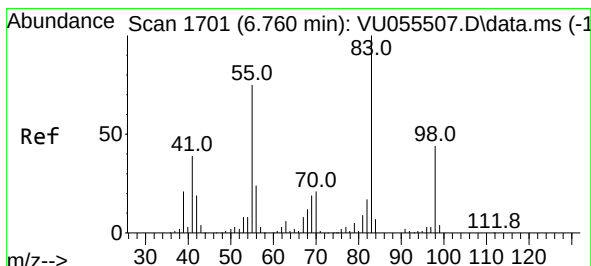
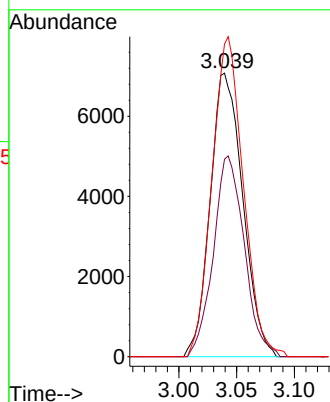
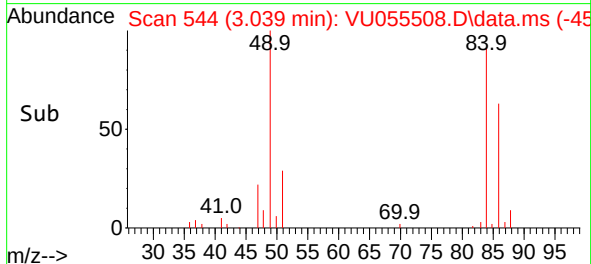


#16
Methylene chloride
Concen: 0.550 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055508.D
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MSVOA_U
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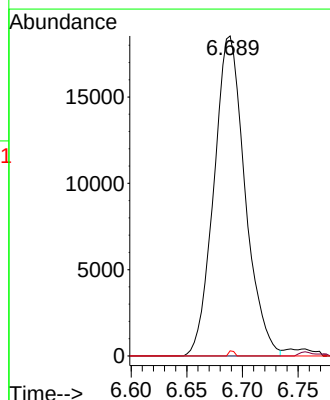
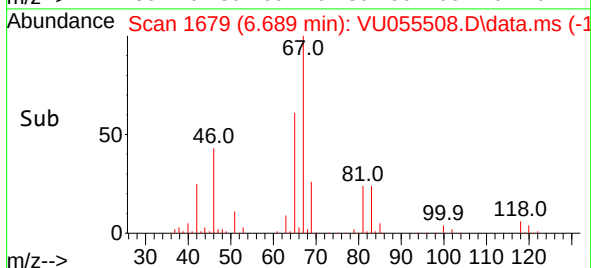
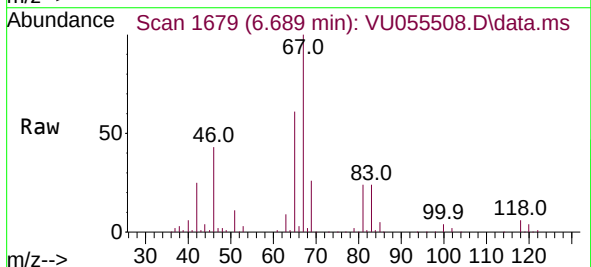


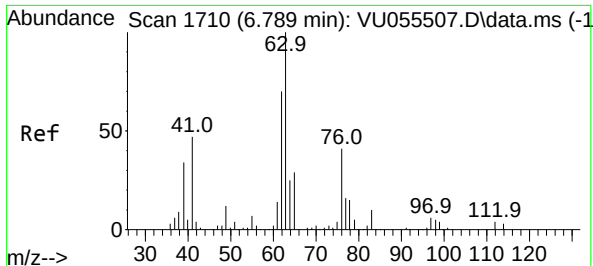
Tgt Ion: 84 Resp: 13902
Ion Ratio Lower Upper
84 100
86 69.7 44.9 83.3
49 110.3 78.8 146.3



#35
Methylcyclohexane
Concen: 1.006 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055508.D
Acq: 26 Sep 2023 11:22

Tgt Ion: 83 Resp: 36054
Ion Ratio Lower Upper
83 100
55 0.7 59.1 88.7#
98 0.3 36.3 54.5#

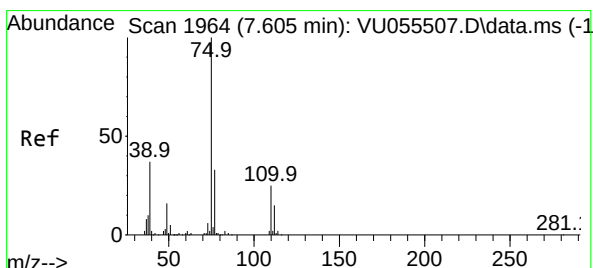
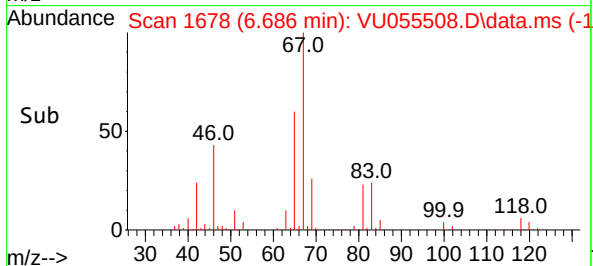
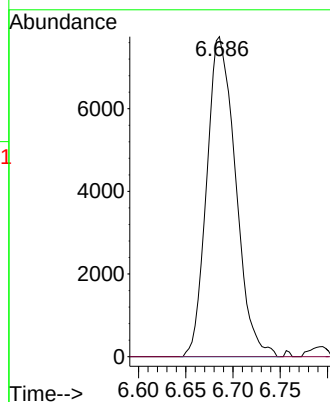
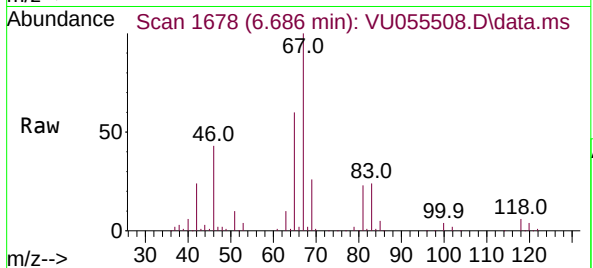




#37
1,2-Dichloropropane
Concen: 0.714 ug/L
RT: 6.686 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU055508.D
Acq: 26 Sep 2023 11:22

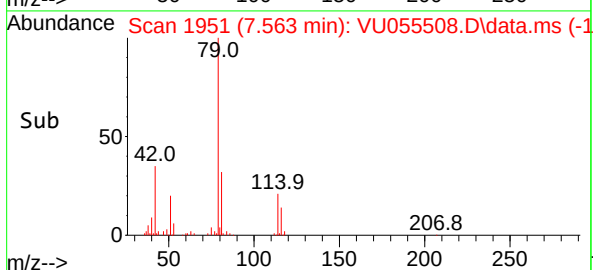
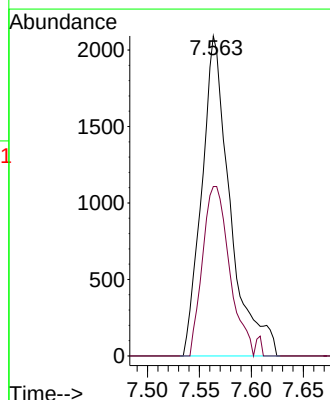
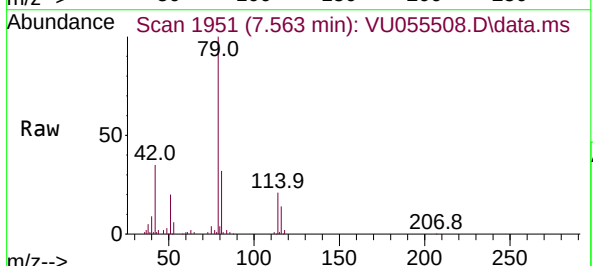
Instrument :
MSVOA_U
ClientSampleId :

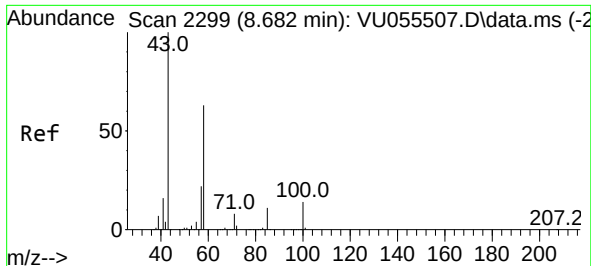
Tgt Ion: 63 Resp: 16421
Ion Ratio Lower Upper
63 100
112 0.3 3.0 4.6#



#39
cis-1,3-Dichloropropene
Concen: 0.129 ug/L
RT: 7.563 min Scan# 1951
Delta R.T. -0.042 min
Lab File: VU055508.D
Acq: 26 Sep 2023 11:22

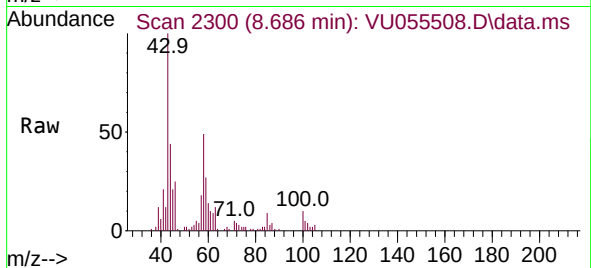
Tgt Ion: 75 Resp: 3965
Ion Ratio Lower Upper
75 100
77 53.0 21.6 40.2#



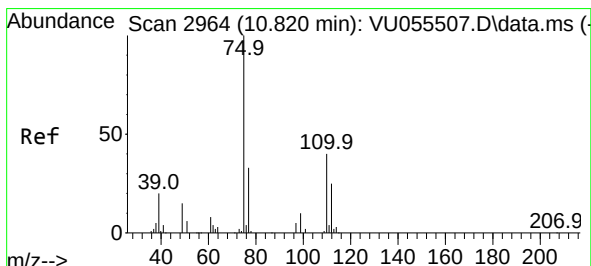
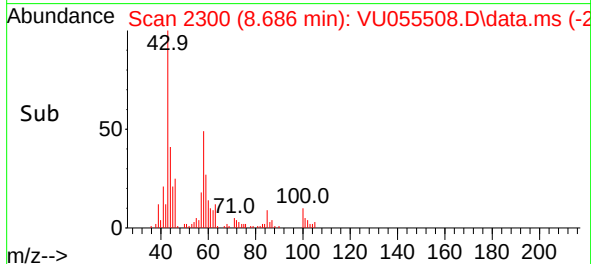
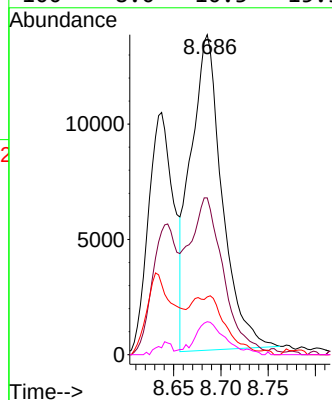


#48
2-Hexanone
Concen: 3.906 ug/L
RT: 8.686 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055508.D
Acq: 26 Sep 2023 11:22

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	31587
Ion	Ratio	Lower	Upper
43	100		
58	44.9	48.5	72.7#
57	1.6	17.0	25.4#
100	8.0	10.3	15.5#



#61
1,2,3-Trichloropropane
Concen: 1.519 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055508.D
Acq: 26 Sep 2023 11:22

Tgt Ion:	75	Resp:	17364
Ion	Ratio	Lower	Upper
75	100		
110	2.5	30.6	45.8#
77	35.0	26.7	40.1

