Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053287.D
Acq On : 17 Mar 2023 23:33
Operator : JC/MD
Sample : 01956-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0234

Quant Time: Mar 18 04:59:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 18 04:29:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	103371	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	97395	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	45693	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40352	42.313	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.620%			
7) Chloroethane-d5	1.909	69	34465	44.679	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.360%			
11) 1,1-Dichloroethene-d2	2.562	63	52569	31.821	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.640%			
21) 2-Butanone-d5	4.613	46	61357	138.720	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 138.720%#			
24) Chloroform-d	5.057	84	66514	42.346	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.700%			
26) 1,2-Dichloroethane-d4	5.697	65	50484	51.753	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.500%			
32) Benzene-d6	5.723	84	152089	48.144	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.280%			
36) 1,2-Dichloropropane-d6	6.684	67	52664	51.653	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.300%			
41) Toluene-d8	7.893	98	156819	53.319	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.640%			
43) trans-1,3-Dichloroprop...	8.176	79	23041	45.804	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.600%			
47) 2-Hexanone-d5	8.626	63	44519	139.666	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 139.670%#			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	74116	56.116	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 112.240%			
66) 1,2-Dichlorobenzene-d4	12.189	152	45293	51.193	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.380%			
Target Compounds						Qvalue
13) Acetone	2.620	43	3320	6.591	ug/L	89
20) cis-1,2-Dichloroethene	4.665	96	3850	4.256	ug/L	94
25) Chloroform	5.083	83	6444	4.096	ug/L	100
29) Cyclohexane	5.379	56	2994	2.063	ug/L #	72
33) Benzene	5.771	78	36501	10.810	ug/L	100
51) Chlorobenzene	9.443	112	56749	25.083	ug/L	95

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

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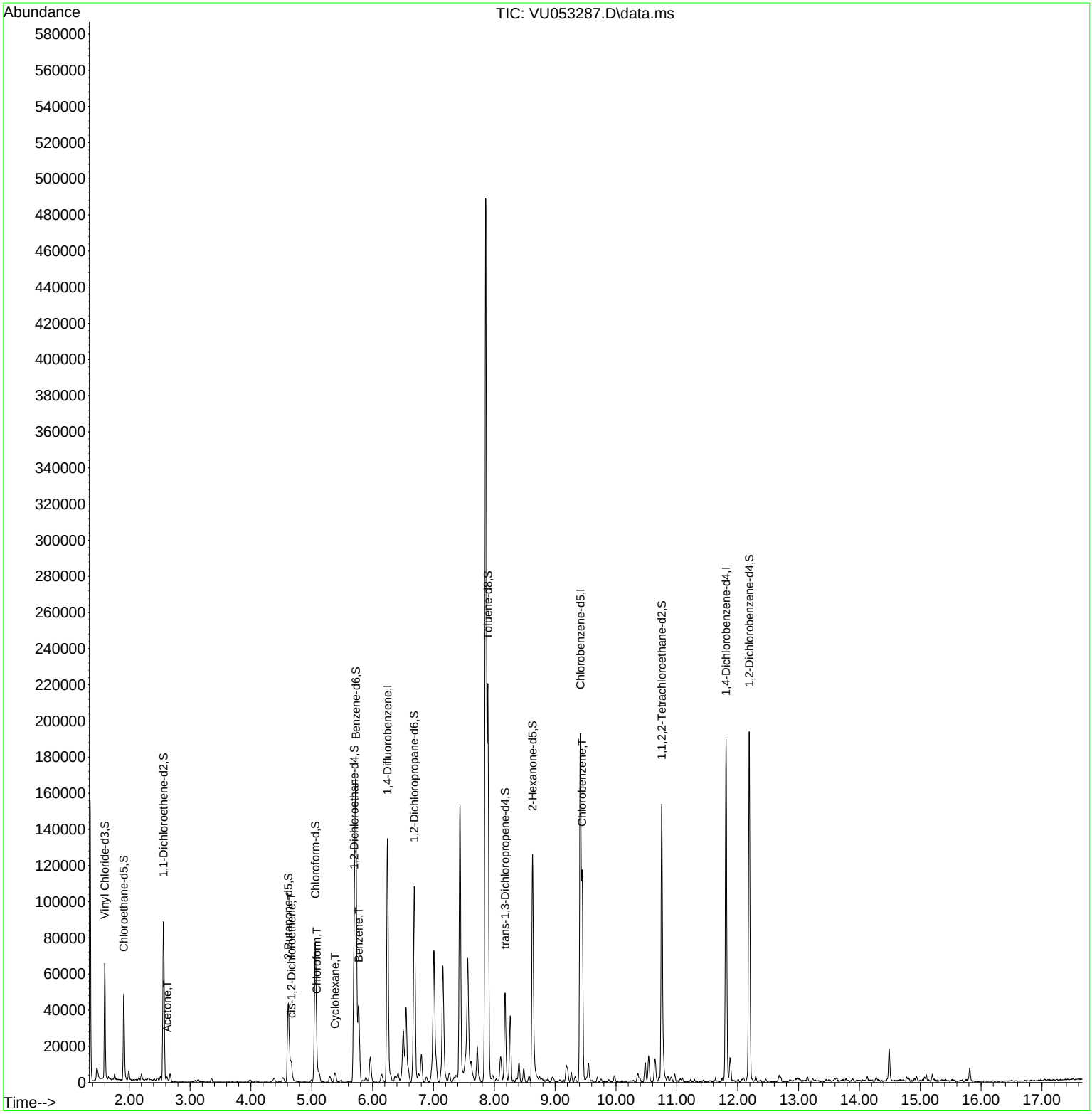
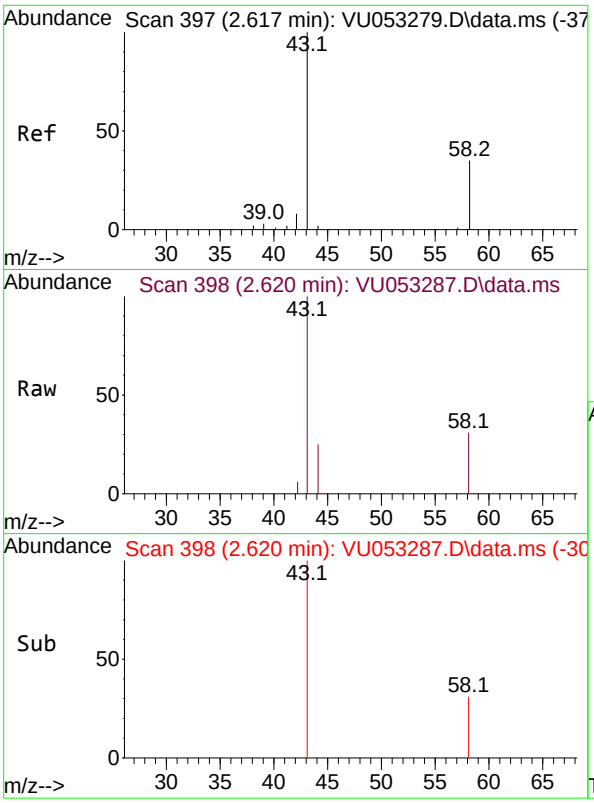


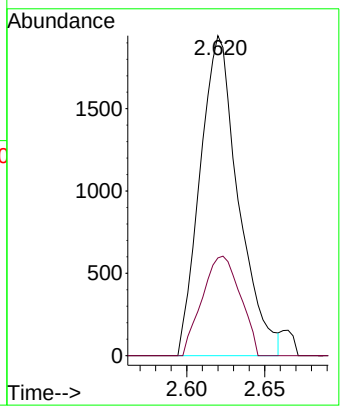


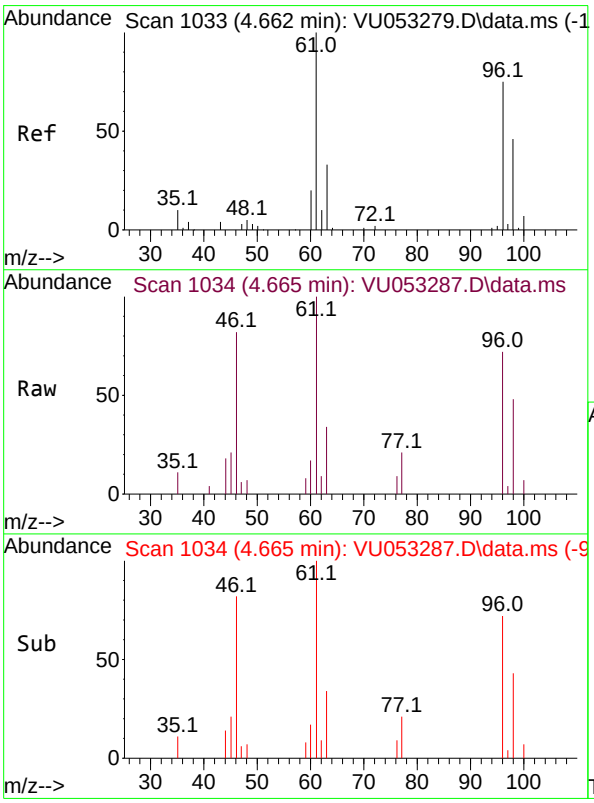
#13
Acetone
Concen: 6.591 ug/L
RT: 2.620 min Scan# 3
Delta R.T. 0.003 min
Lab File: VU053287.D
Acq: 17 Mar 2023 23:33

Instrument :
MSVOA_U
ClientSampleId :
E0234

Tgt Ion: 43 Resp: 3320

Ion	Ratio	Lower	Upper
43	100		
58	30.9	0.0	75.0

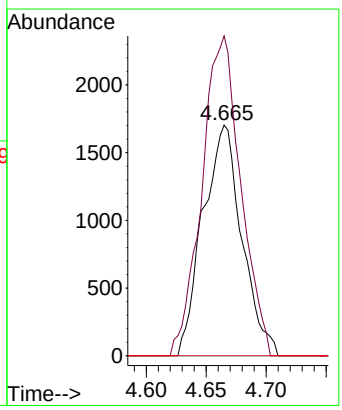


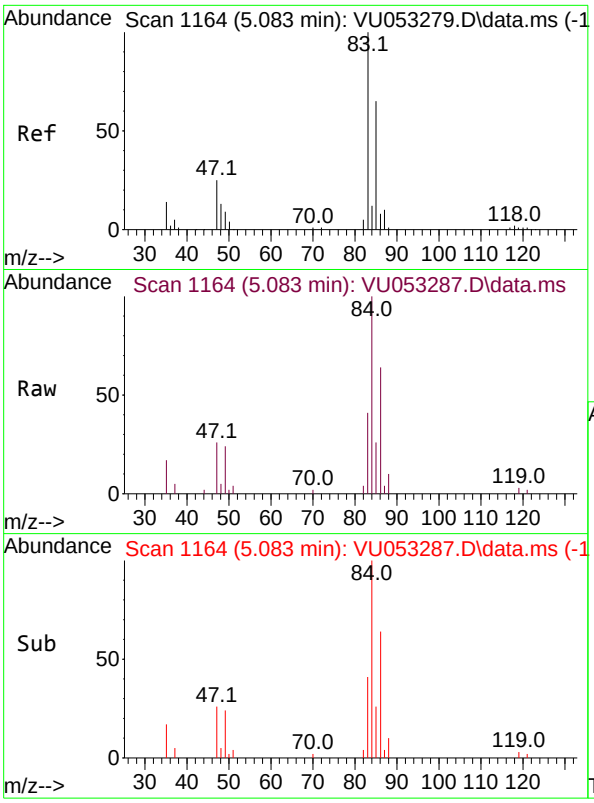


#20
cis-1,2-Dichloroethene
Concen: 4.256 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU053287.D
Acq: 17 Mar 2023 23:33

Tgt Ion: 96 Resp: 3850

Ion	Ratio	Lower	Upper
96	100		
61	138.6	92.5	171.7
68	0.0	0.0	0.0



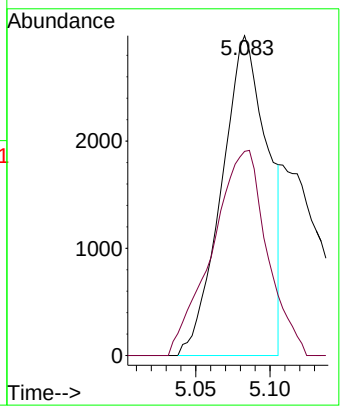


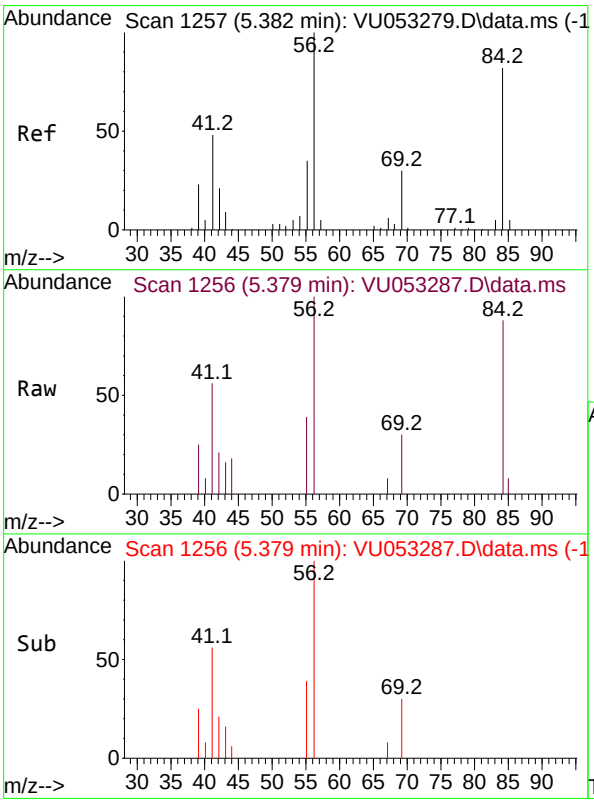
#25
Chloroform
Concen: 4.096 ug/L
RT: 5.083 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU053287.D
Acq: 17 Mar 2023 23:33

Instrument :
MSVOA_U
ClientSampleId :
E0234

Tgt Ion: 83 Resp: 6444

Ion	Ratio	Lower	Upper
83	100		
85	63.8	44.9	83.3

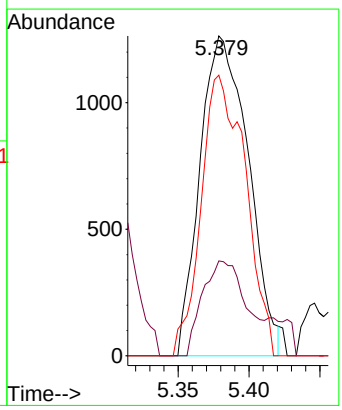


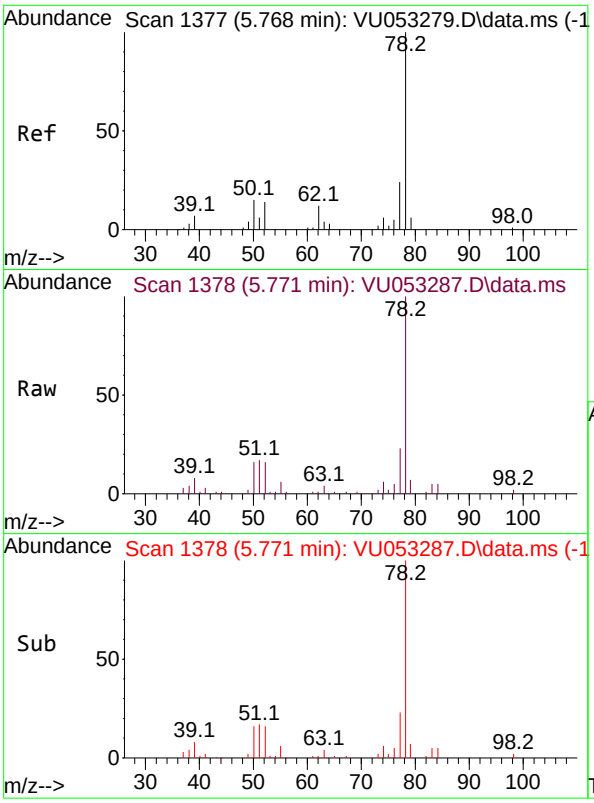


#29
Cyclohexane
Concen: 2.063 ug/L
RT: 5.379 min Scan# 1256
Delta R.T. -0.003 min
Lab File: VU053287.D
Acq: 17 Mar 2023 23:33

Tgt Ion: 56 Resp: 2994

Ion	Ratio	Lower	Upper
56	100		
69	27.1	25.4	38.0
84	54.4	69.0	103.6#

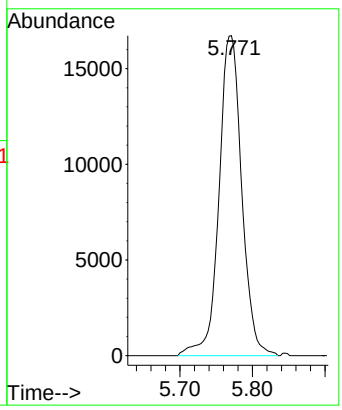


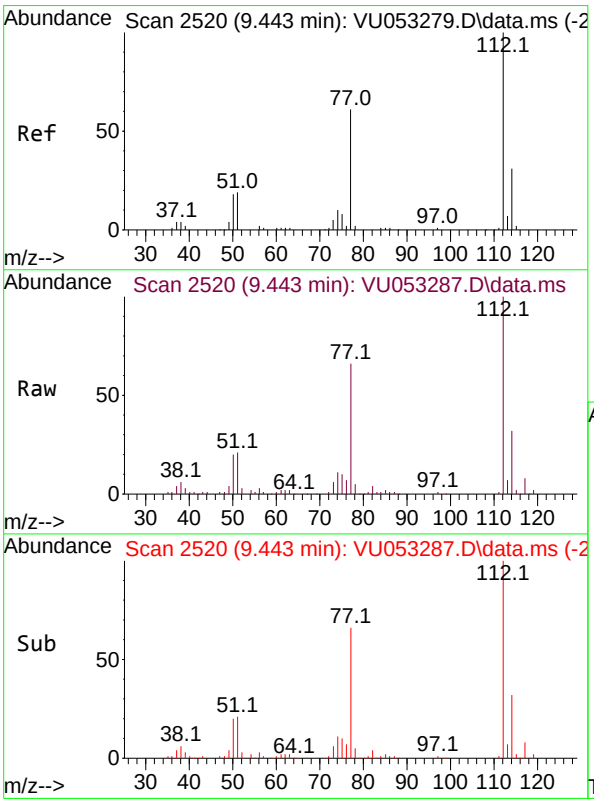


#33
Benzene
Concen: 10.810 ug/L
RT: 5.771 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU053287.D
Acq: 17 Mar 2023 23:33

Instrument :
MSVOA_U
ClientSampleId :
E0234

Tgt Ion: 78 Resp: 36501





#51
Chlorobenzene
Concen: 25.083 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU053287.D
Acq: 17 Mar 2023 23:33

Tgt Ion:112 Resp: 56749

Ion	Ratio	Lower	Upper
112	100		
114	32.1	21.8	40.6
77	65.9	48.8	73.2