

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027571.D
 Acq On : 29 Aug 2022 18:48
 Operator : SY/MD
 Sample : N4402-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA9

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV027571.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.307	73	83	97	rBV3	140623	178617	44.05%	4.166%
2	1.465	120	132	135	rBV2	26471	48551	11.97%	1.132%
3	1.564	157	163	175	rVB	63272	75909	18.72%	1.770%
4	2.105	321	331	343	rVB	128374	187406	46.22%	4.371%
5	2.169	345	351	357	rVV8	4686	5400	1.33%	0.126%
6	2.291	381	389	399	rVB3	2619	4542	1.12%	0.106%
7	3.754	831	844	858	rBV3	3270	8470	2.09%	0.198%
8	3.908	878	892	916	rBV2	75328	227645	56.14%	5.309%
9	4.349	1012	1029	1061	rBV3	72826	196163	48.38%	4.575%
10	5.047	1230	1246	1280	rBV2	148777	402686	99.31%	9.391%
11	5.616	1408	1423	1463	rBV	136470	300210	74.04%	7.001%
12	5.924	1507	1519	1531	rBV7	8544	19509	4.81%	0.455%
13	6.069	1550	1564	1593	rBV2	86283	189165	46.65%	4.412%
14	6.992	1840	1851	1866	rBV2	21527	44020	10.86%	1.027%
15	7.317	1940	1952	1969	rBV	159623	290601	71.67%	6.777%
16	7.394	1971	1976	1986	rVB4	5204	9840	2.43%	0.229%
17	7.632	2040	2050	2066	rBV2	12681	24511	6.05%	0.572%
18	7.976	2151	2157	2171	rVB5	4053	6827	1.68%	0.159%
19	8.091	2183	2193	2214	rBV	130970	265324	65.44%	6.188%
20	8.182	2216	2221	2233	rVV6	15769	29673	7.32%	0.692%
21	8.249	2236	2242	2252	rVV4	6768	13798	3.40%	0.322%
22	8.320	2255	2264	2279	rVB6	11401	22434	5.53%	0.523%
23	8.854	2416	2430	2453	rBV	215204	367934	90.74%	8.581%
24	9.018	2474	2481	2488	rBV3	3044	4645	1.15%	0.108%
25	9.143	2505	2520	2538	rBV2	23275	39395	9.72%	0.919%
26	9.265	2546	2558	2568	rVB4	6847	12089	2.98%	0.282%
27	10.217	2843	2854	2869	rBV	81087	130514	32.19%	3.044%
28	11.249	3164	3175	3198	rBV	198556	347952	85.82%	8.115%
29	11.532	3254	3263	3280	rBV3	10411	20619	5.09%	0.481%
30	11.622	3280	3291	3309	rVV	153993	247996	61.16%	5.784%
31	12.577	3573	3588	3614	rBV	185223	405466	100.00%	9.456%
32	12.995	3705	3718	3733	rBV	89176	160058	39.48%	3.733%

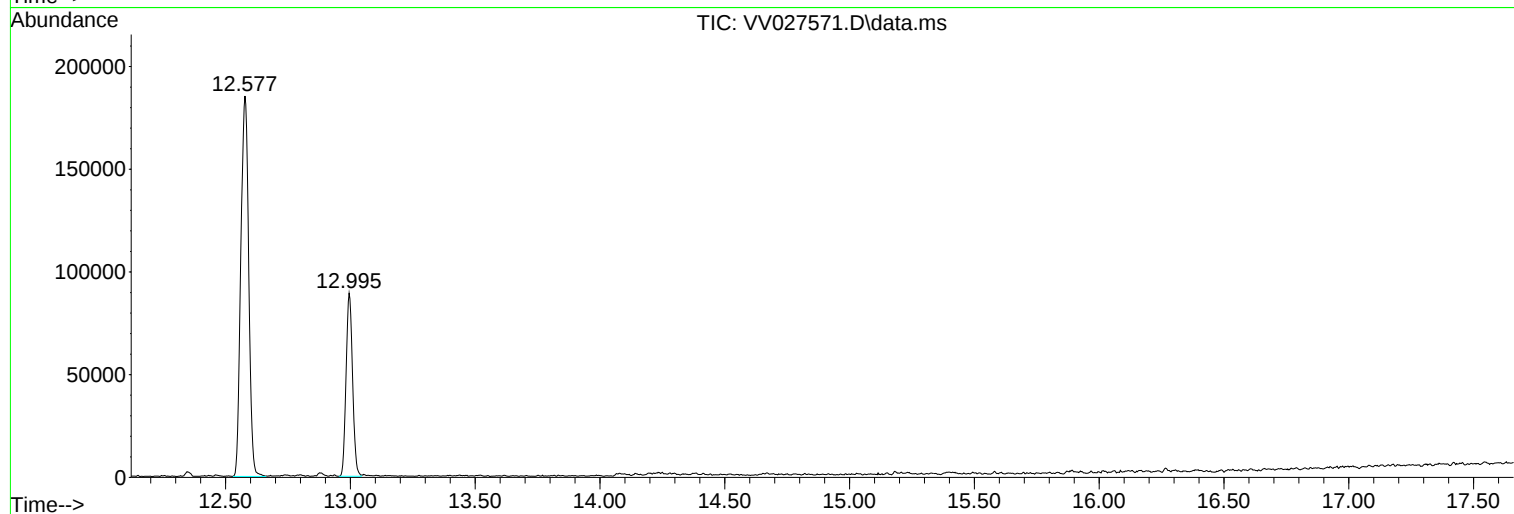
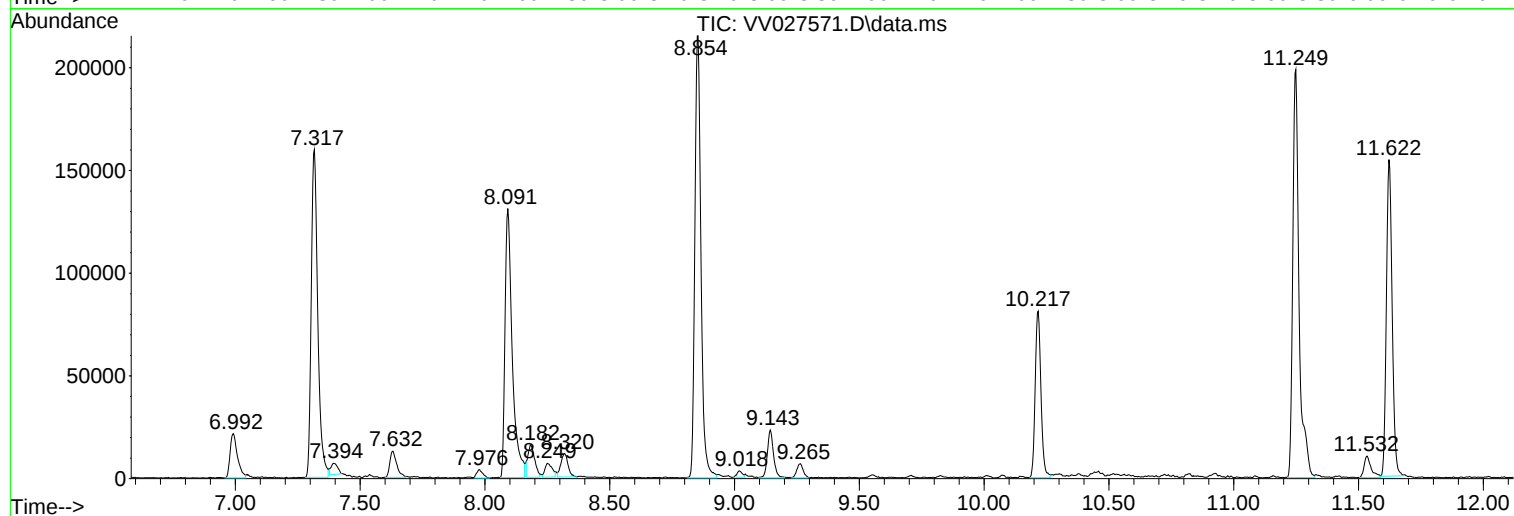
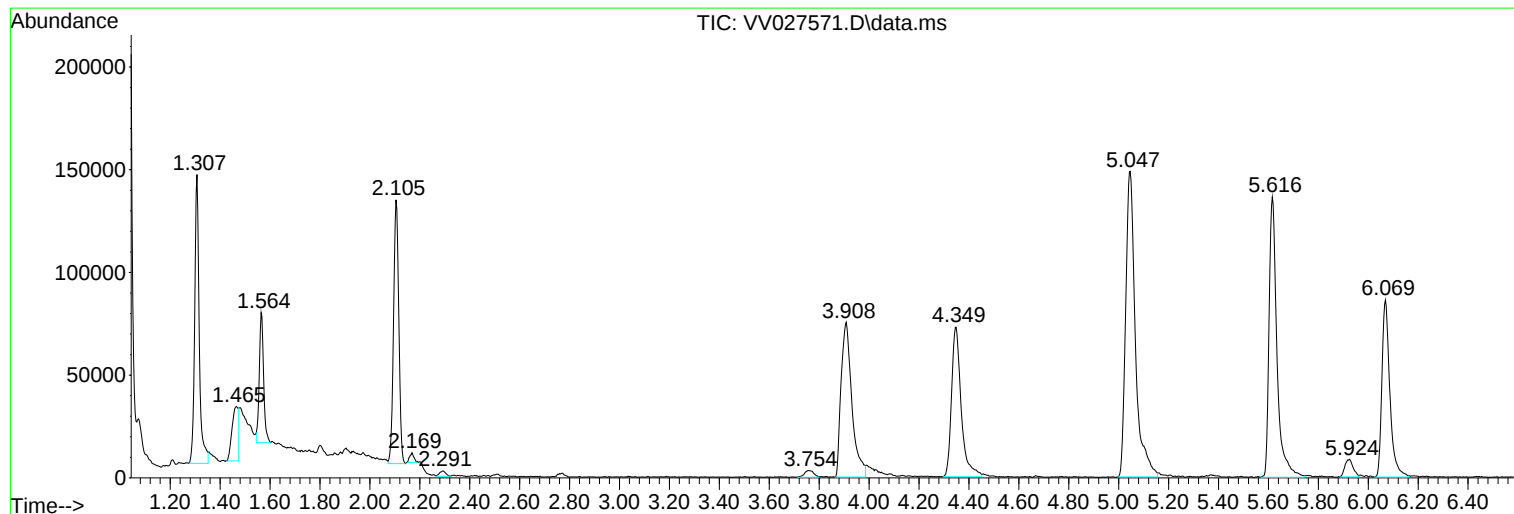
Sum of corrected areas: 4287969

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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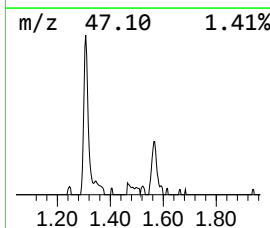
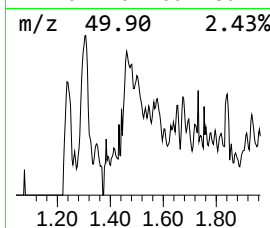
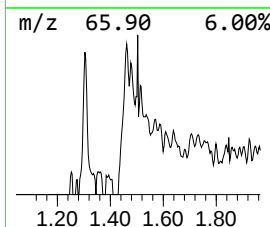
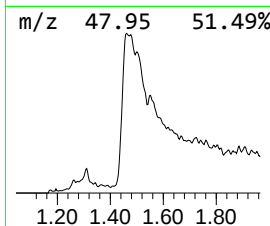
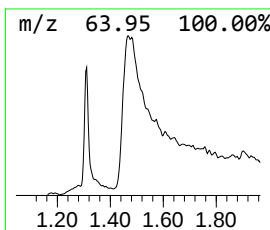
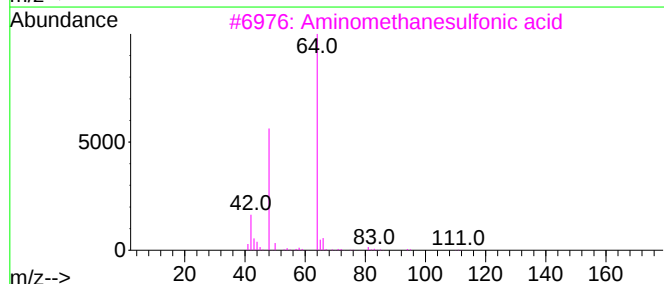
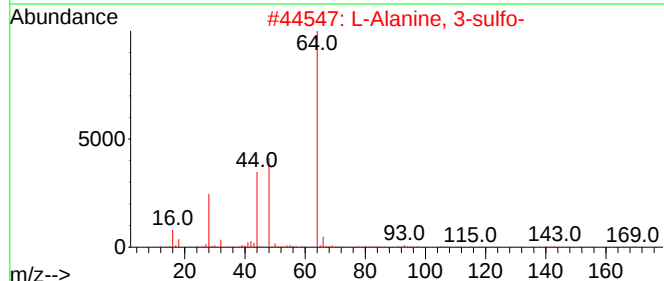
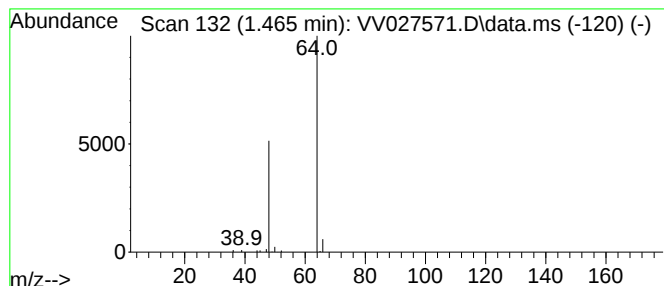
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.465	0.81 ug/L	48551	1,4-Difluorobenzene	5.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	74
2			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5			Sulfur dioxide	64	O2S	007446-09-5	4



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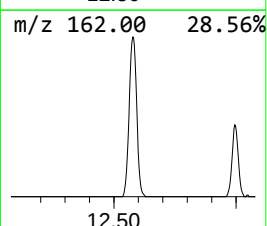
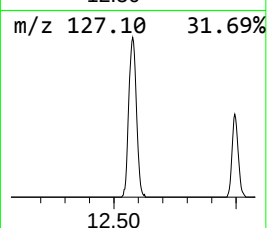
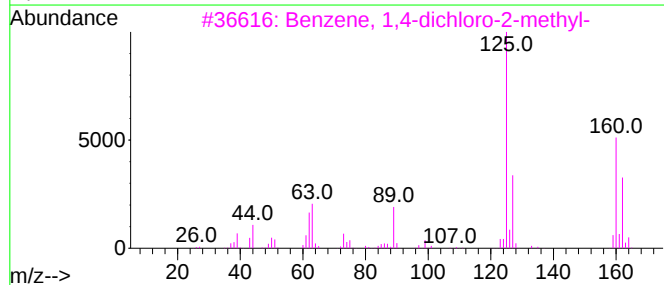
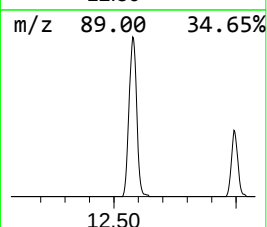
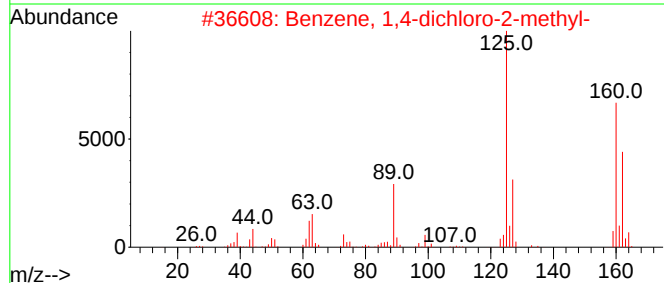
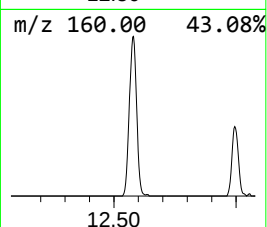
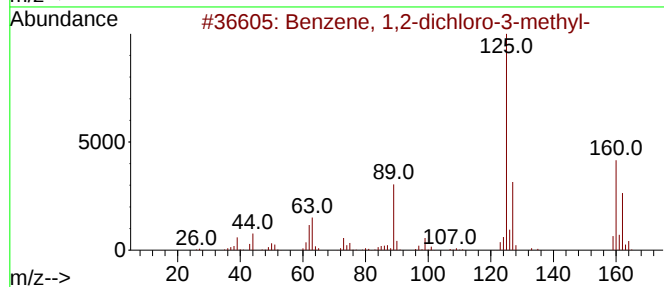
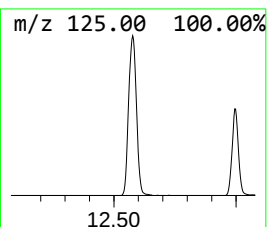
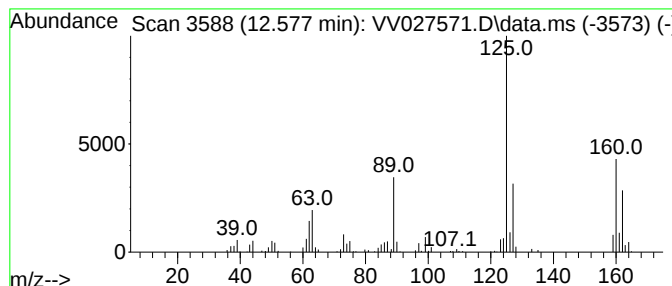
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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2-dichloro-3-met... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.577	5.83 ug/L	405466	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	98
2			Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
3			Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
4			Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	96
5			Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	96



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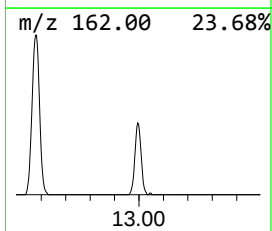
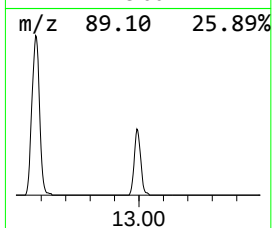
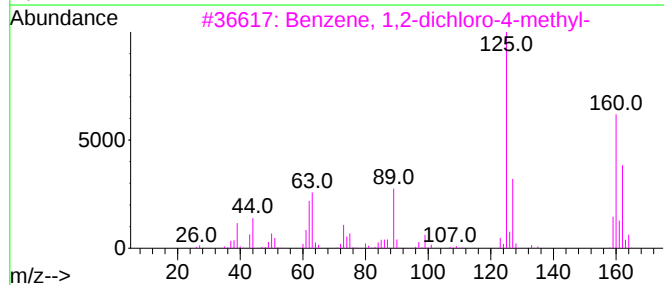
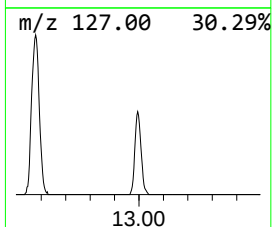
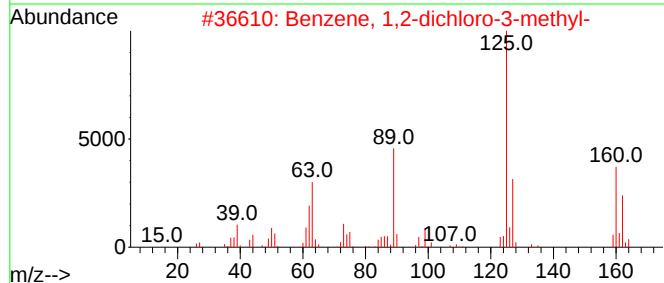
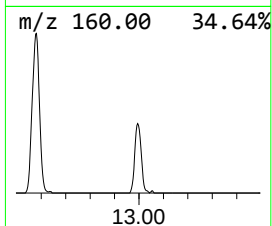
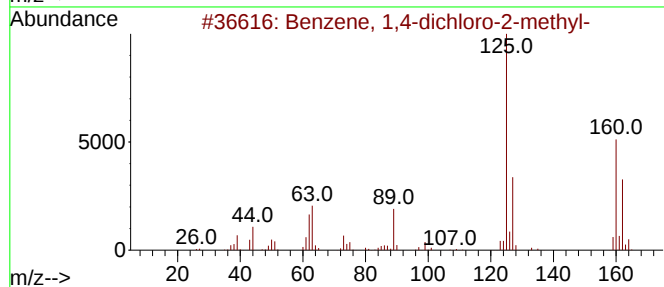
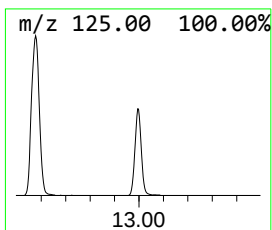
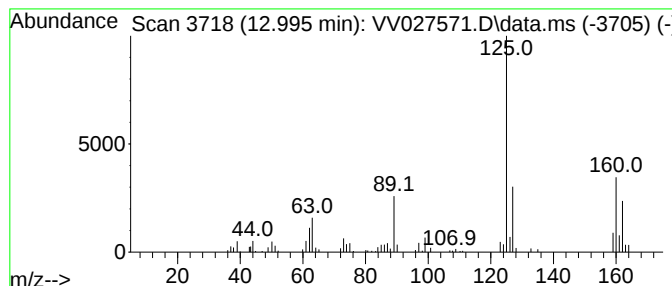
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,4-dichloro-2-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.995	2.30 ug/L	160058	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	97
2			Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	97
3			Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	96
4			Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	96
5			Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	95



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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.465	0.8	ug/L	48551	1	5.616	300210	5.0
Benzene, 1,2-di...	12.577	5.8	ug/L	405466	3	11.249	347952	5.0
Benzene, 1,4-di...	12.995	2.3	ug/L	160058	3	11.249	347952	5.0