

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052120\
 Data File : VV016152.D
 Acq On : 21 May 2020 14:42
 Operator : SY/MD
 Sample : L2725-01DL 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B00DL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.319	63	71	81	rBV2	71783	77149	15.04%	1.409%
2	1.470	107	118	142	rBV	29302	130660	25.47%	2.386%
3	1.579	146	152	165	rVB	55380	73768	14.38%	1.347%
4	2.126	312	322	342	rVB	99114	149565	29.15%	2.731%
5	2.528	438	447	460	rVB	11412	20021	3.90%	0.366%
6	2.791	519	529	541	rBV5	5511	10168	1.98%	0.186%
7	3.942	872	887	921	rBV3	183666	511375	99.67%	9.338%
8	4.380	1005	1023	1047	rBV	82834	207491	40.44%	3.789%
9	5.077	1223	1240	1263	rBV2	183534	467701	91.16%	8.541%
10	5.643	1403	1416	1444	rBV	178028	361966	70.55%	6.610%
11	5.942	1498	1509	1535	rVB2	45912	92984	18.12%	1.698%
12	6.097	1541	1557	1585	rBV	110365	229771	44.78%	4.196%
13	7.013	1831	1842	1859	rBV	44624	83875	16.35%	1.532%
14	7.341	1931	1944	1961	rBV	222463	387761	75.58%	7.081%
15	7.646	2027	2039	2059	rBV2	24935	47193	9.20%	0.862%
16	7.868	2100	2108	2119	rVB6	3645	5973	1.16%	0.109%
17	8.003	2142	2150	2158	rVB6	4790	8075	1.57%	0.147%
18	8.116	2174	2185	2226	rBV	192422	406656	79.26%	7.426%
19	8.875	2410	2421	2447	rBV	278606	513080	100.00%	9.369%
20	10.238	2835	2845	2858	rBV2	68411	108749	21.20%	1.986%
21	10.402	2887	2896	2900	rBV3	4816	6873	1.34%	0.126%
22	10.447	2900	2910	2926	rVB	154376	241770	47.12%	4.415%
23	11.270	3155	3166	3184	rBV	280672	455643	88.81%	8.320%
24	11.553	3245	3254	3268	rBV7	3881	6394	1.25%	0.117%
25	11.646	3272	3283	3312	rVV2	225816	406196	79.17%	7.417%
26	12.273	3467	3478	3488	rBV	3683	5684	1.11%	0.104%
27	13.527	3854	3868	3887	rBV	164934	268573	52.35%	4.904%
28	13.646	3895	3905	3914	rVB3	4274	6089	1.19%	0.111%
29	14.662	4211	4221	4229	rBV5	3647	5454	1.06%	0.100%
30	14.842	4268	4277	4290	rBV	9297	15245	2.97%	0.278%
31	15.392	4439	4448	4458	rBV3	7812	12957	2.53%	0.237%
32	15.839	4580	4587	4595	rBV7	5348	8769	1.71%	0.160%
33	16.315	4724	4735	4747	rBV6	7412	11853	2.31%	0.216%
34	16.511	4786	4796	4814	rBV2	27761	50210	9.79%	0.917%

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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

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Title : TRACE VOA SOM01.0

35	16.813	4878	4890	4904	rVV	36346	61126	11.91%	1.116%
36	17.418	5072	5078	5087	rBV2	9256	13311	2.59%	0.243%
37	17.540	5109	5116	5122	rBV8	3964	6080	1.19%	0.111%

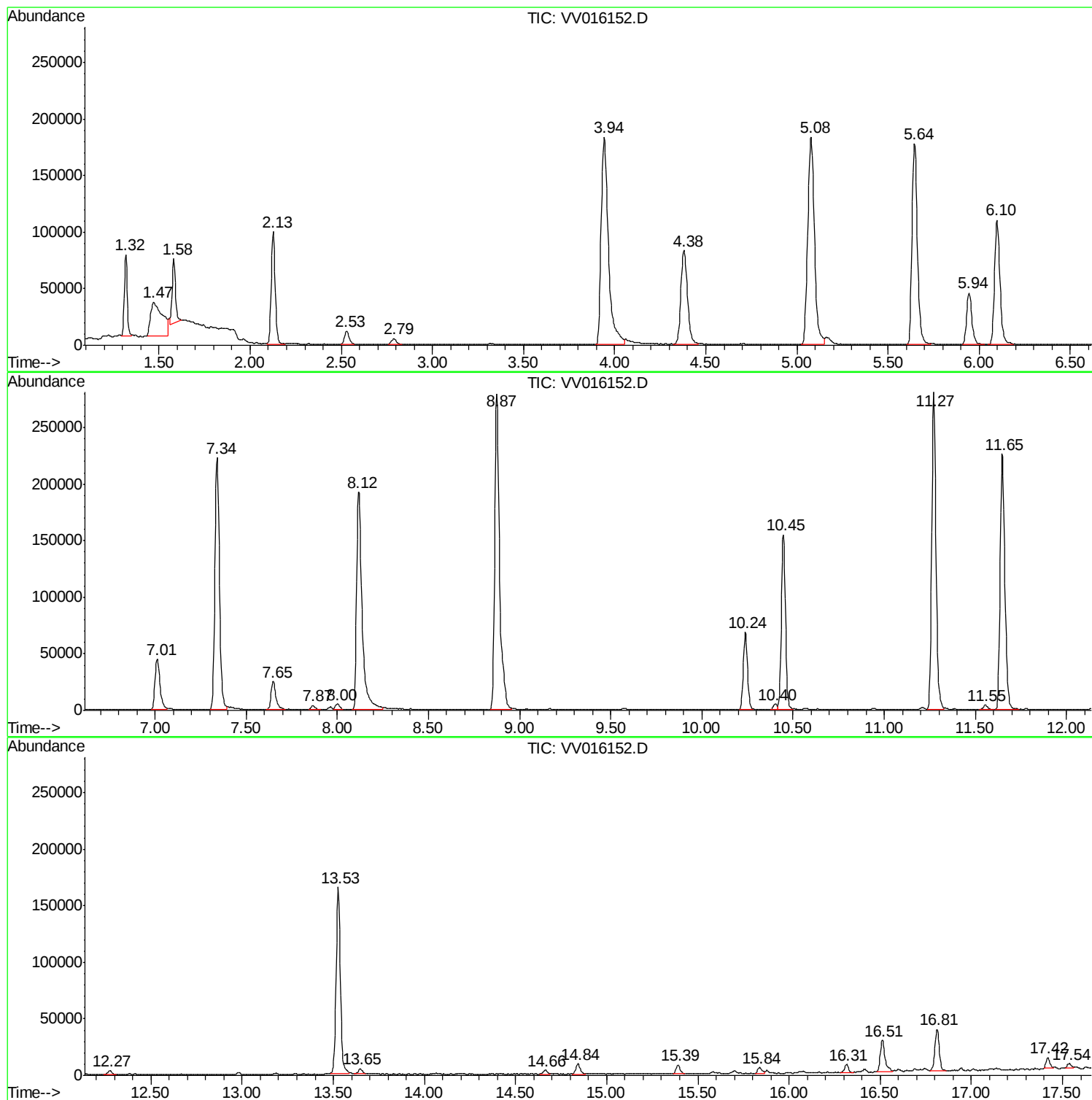
Sum of corrected areas: 5476208

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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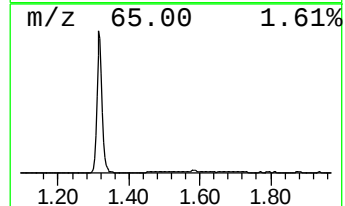
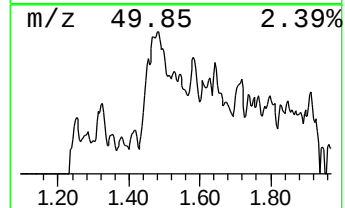
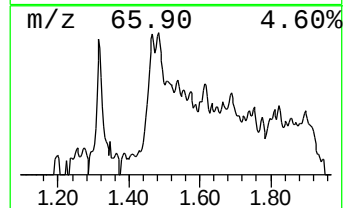
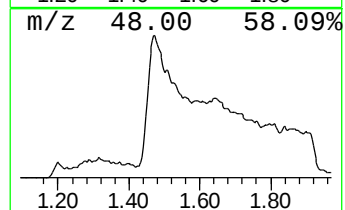
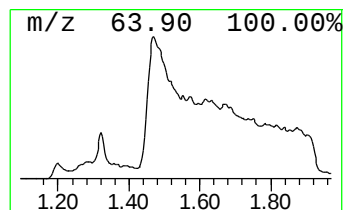
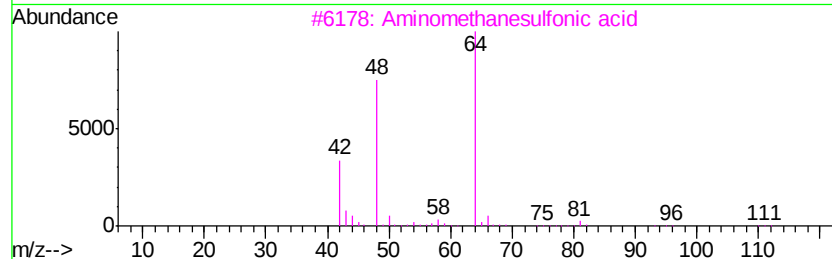
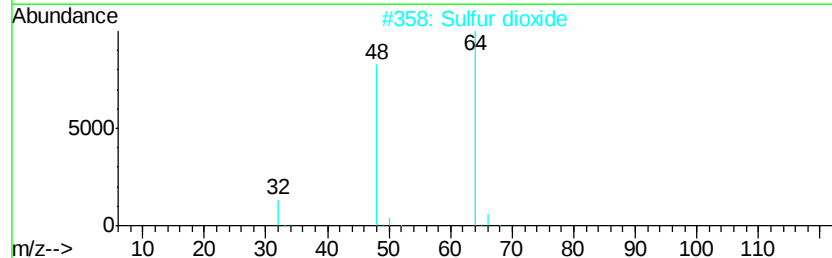
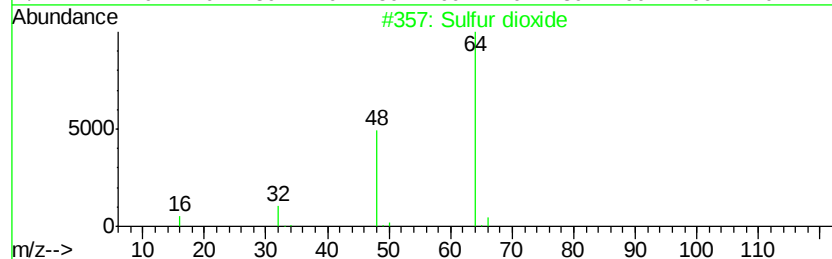
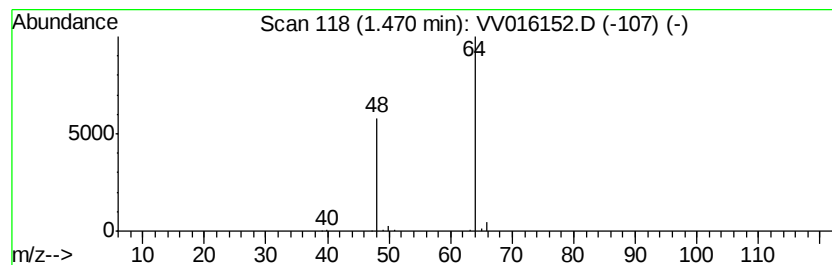
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TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.47	1.80 ug/L	130660	1,4-Difluorobenzene	5.64	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	Sulfur dioxide		64 02S	007446-09-5	90
2	Sulfur dioxide		64 02S	007446-09-5	83
3	Aminomethanesulfonic acid		111 CH5N03S	013881-91-9	74
4	Aminomethanesulfonic acid		111 CH5N03S	013881-91-9	74
5	L-Alanine, 3-sulfo-		169 C3H7N05S	000498-40-8	9



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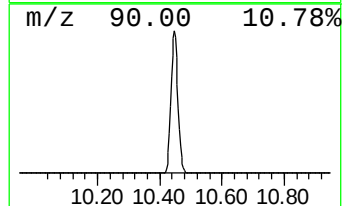
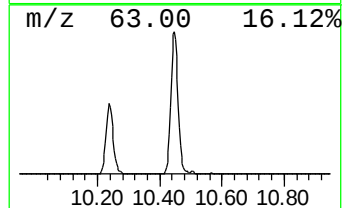
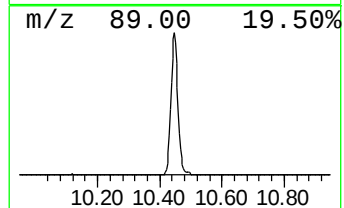
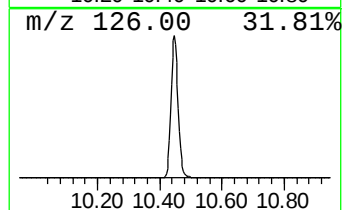
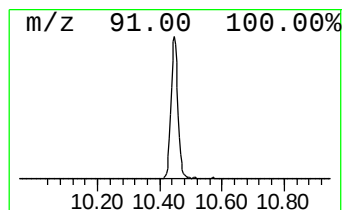
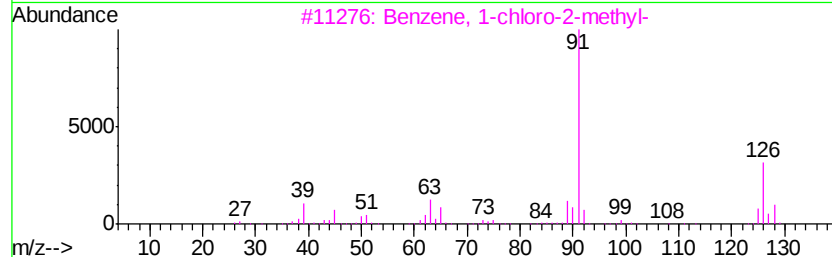
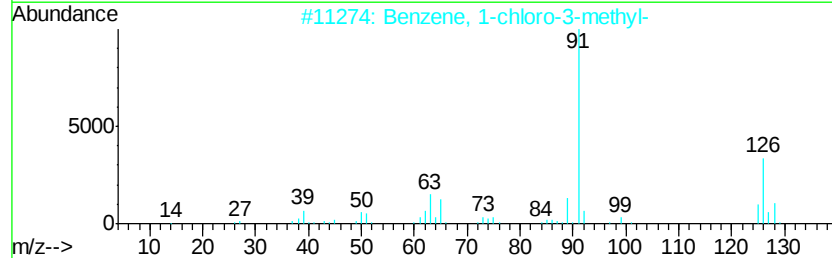
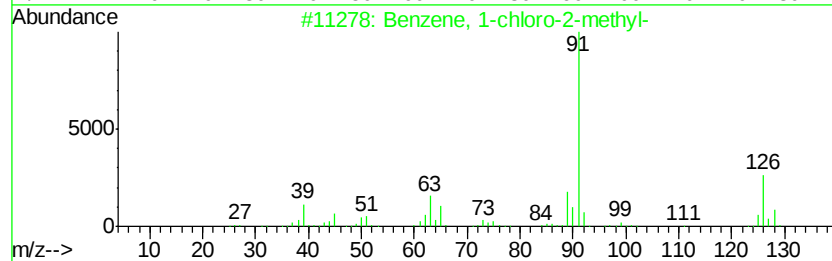
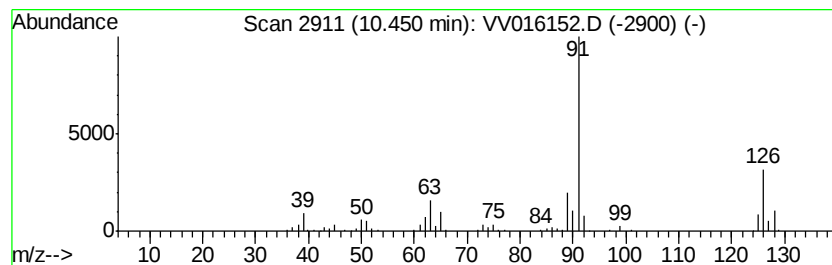
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Benzene, 1-chloro-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	2.65 ug/L	241770	1,4-Dichlorobenzene-d4	11.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	96
2			Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	95
3			Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	94
4			Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	90
5			Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.47	1.8	ug/L	130660	1	5.64	361966	5.0
Benzene, 1-chloro...	10.45	2.6	ug/L	241770	3	11.27	455643	5.0