

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040168.D
 Acq On : 16 Sep 2020 23:51
 Operator : SY/MD
 Sample : L4046-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0P4

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_U\METHOD\SOMUTR083120WMA.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	1.604	73	82	92	rVB	40430	47490	8.29%	1.113%
2	1.925	173	182	196	rVB	38992	52461	9.16%	1.230%
3	2.388	318	326	343	rVB	97089	160448	28.01%	3.761%
4	2.581	375	386	399	rVB	77616	125444	21.90%	2.940%
5	4.015	814	832	853	rBV5	19235	50440	8.81%	1.182%
6	4.668	1018	1035	1073	rBV	36316	173620	30.31%	4.070%
7	5.083	1148	1164	1185	rBV	72489	158800	27.72%	3.722%
8	5.742	1349	1369	1380	rBV4	136442	361597	63.13%	8.476%
9	6.263	1517	1531	1547	rBV2	149527	281017	49.06%	6.587%
10	6.703	1655	1668	1685	rBV2	93920	176368	30.79%	4.134%
11	7.575	1923	1939	1957	rBV3	44715	78010	13.62%	1.829%
12	7.906	2027	2042	2056	rBV	150465	260384	45.46%	6.103%
13	8.185	2118	2129	2143	rBV	29157	48625	8.49%	1.140%
14	8.642	2257	2271	2302	rBV	231848	461788	80.62%	10.824%
15	9.420	2500	2513	2516	rBV	228303	335641	58.60%	7.867%
16	9.449	2517	2522	2554	rVB	366174	572803	100.00%	13.426%
17	10.108	2719	2727	2736	rVB6	3610	6251	1.09%	0.147%
18	10.481	2833	2843	2855	rVB	14598	21910	3.83%	0.514%
19	10.754	2912	2928	2941	rBV	72656	117225	20.47%	2.748%
20	10.886	2962	2969	2985	rVB8	6387	10596	1.85%	0.248%
21	11.484	3150	3155	3163	rVB5	5224	6837	1.19%	0.160%
22	11.629	3185	3200	3209	rBV7	3962	7805	1.36%	0.183%
23	11.806	3243	3255	3272	rBV	217588	358634	62.61%	8.406%
24	11.880	3272	3278	3290	rVB5	10731	15862	2.77%	0.372%
25	12.089	3335	3343	3351	rVB4	5779	7659	1.34%	0.180%
26	12.185	3361	3373	3389	rVB	169129	286783	50.07%	6.722%
27	12.561	3481	3490	3502	rBV3	15969	23032	4.02%	0.540%
28	12.815	3561	3569	3576	rBV4	4635	6357	1.11%	0.149%
29	12.963	3603	3615	3627	rBV2	30405	45270	7.90%	1.061%
30	13.819	3875	3881	3897	rBV3	4299	7134	1.25%	0.167%

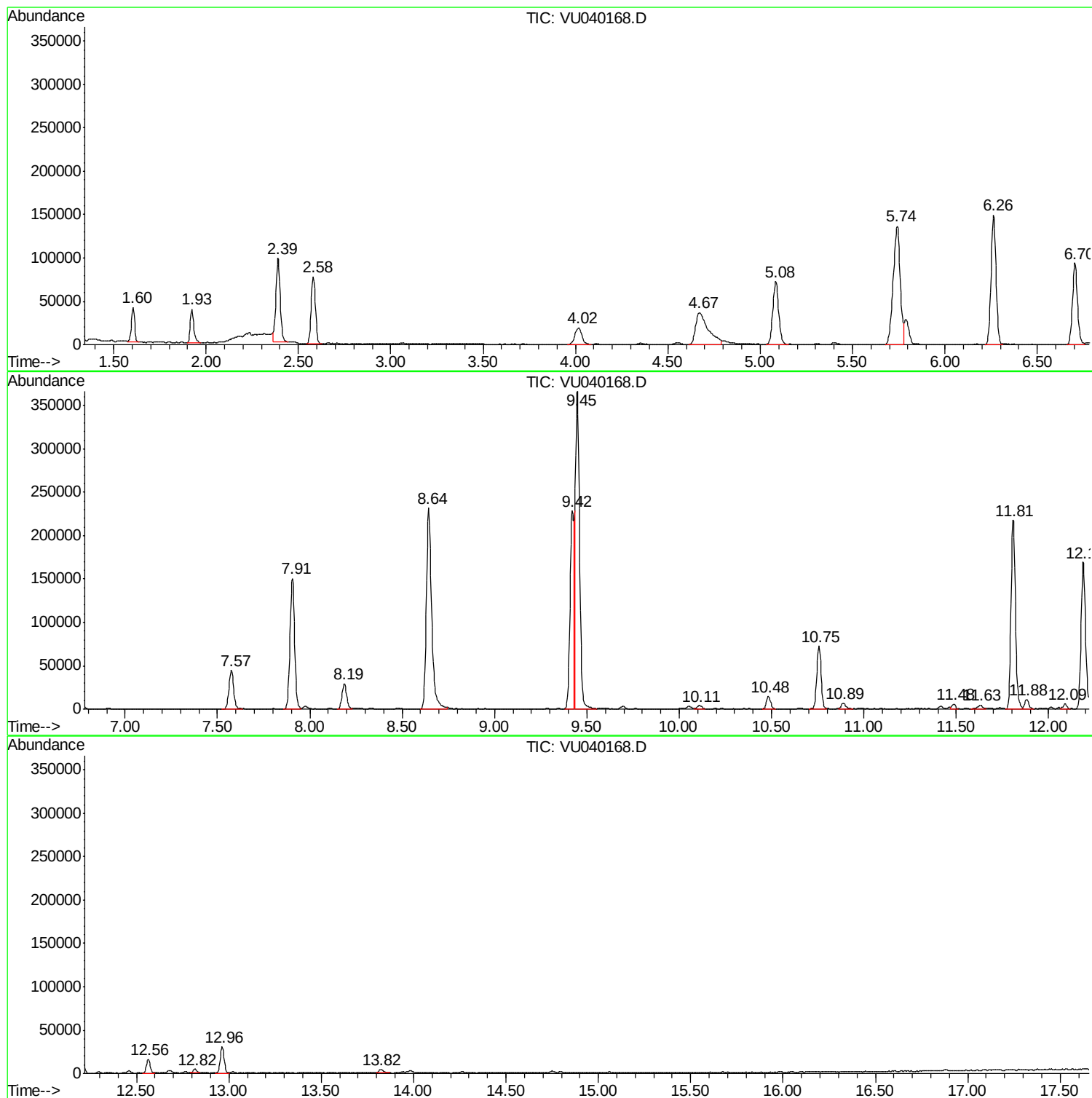
Sum of corrected areas: 4266291

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ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
BG0P4

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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



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Instrument :
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ClientSampleId :
BG0P4

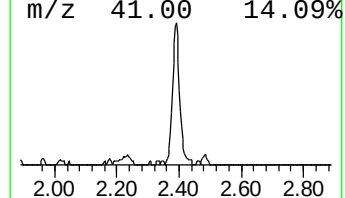
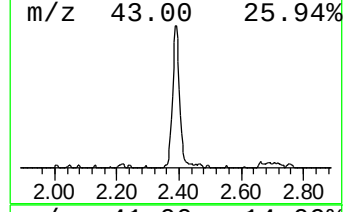
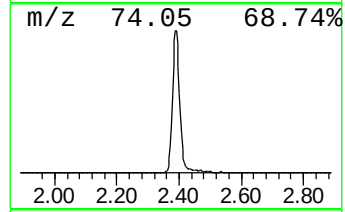
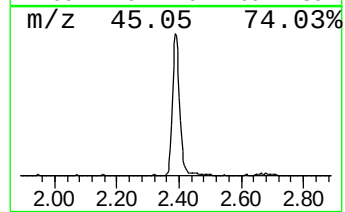
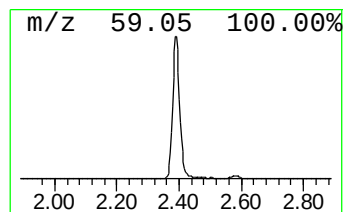
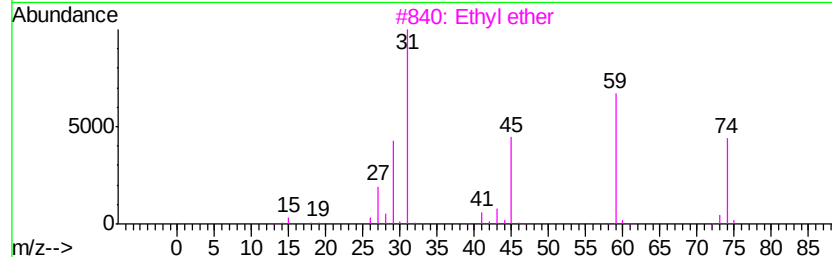
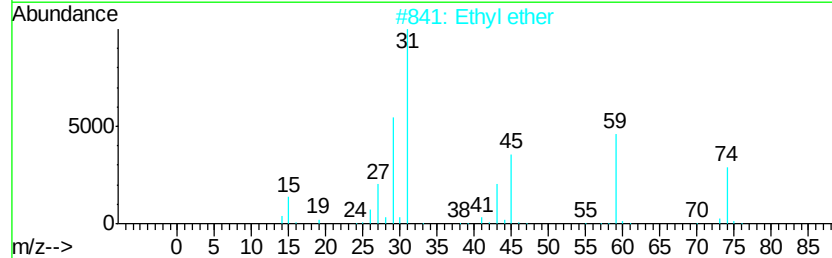
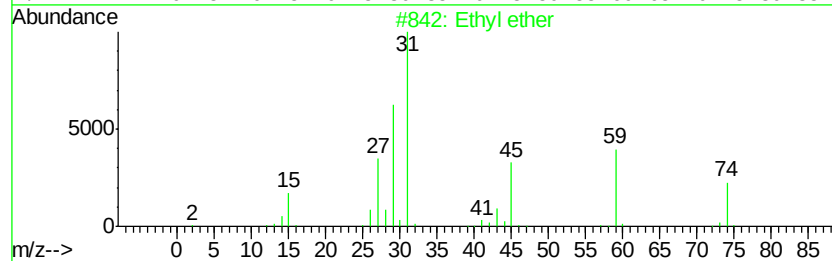
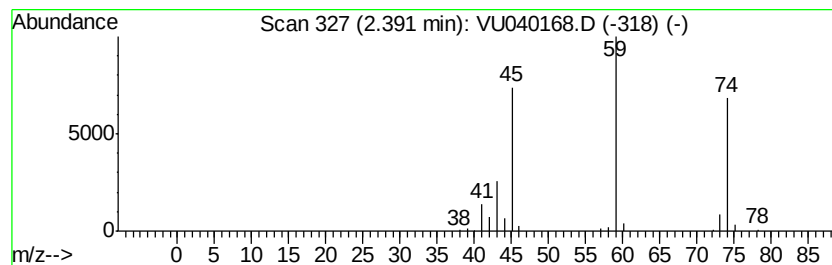
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Ethyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.39	2.85 ug/L	160448	1,4-Difluorobenzene	6.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl ether	74	C4H10O	000060-29-7	90
2		Ethyl ether	74	C4H10O	000060-29-7	90
3		Ethyl ether	74	C4H10O	000060-29-7	90
4		Ethyl ether	74	C4H10O	000060-29-7	78
5		Ethyl ether	74	C4H10O	000060-29-7	72



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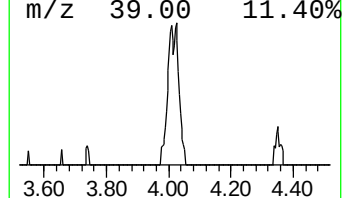
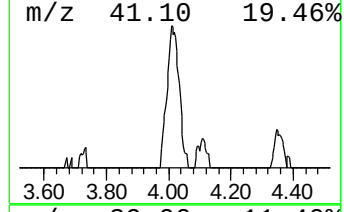
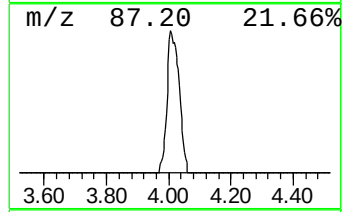
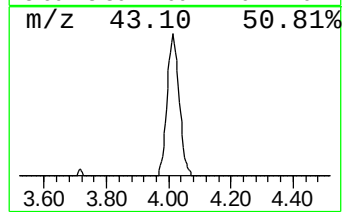
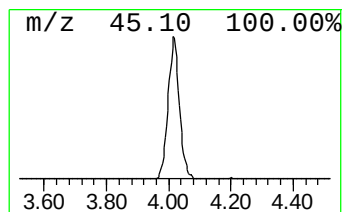
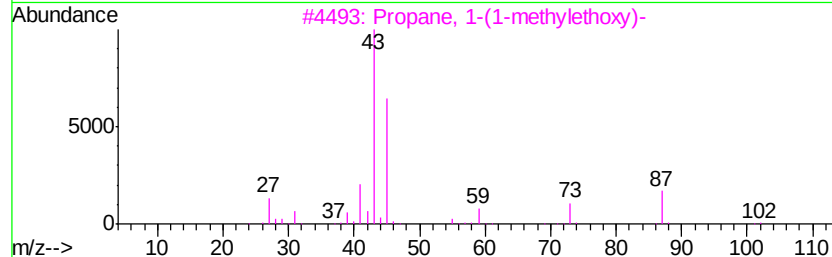
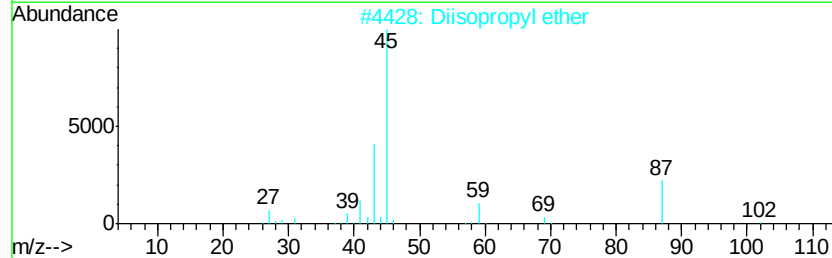
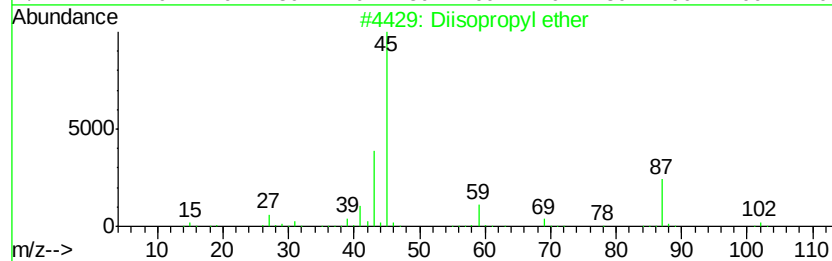
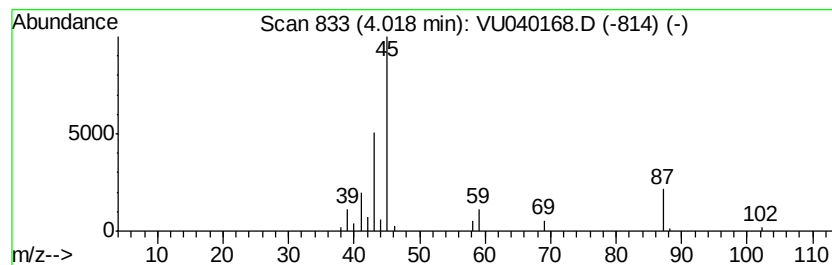
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Diisopropyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	0.90 ug/L	50440	1,4-Difluorobenzene	6.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether		102	C6H14O	000108-20-3	86
2	Diisopropyl ether		102	C6H14O	000108-20-3	78
3	Propane, 1-(1-methylethoxy)-		102	C6H14O	000627-08-7	72
4	Diisopropyl ether		102	C6H14O	000108-20-3	64
5	Propane, 2-ethoxy-		88	C5H12O	000625-54-7	53



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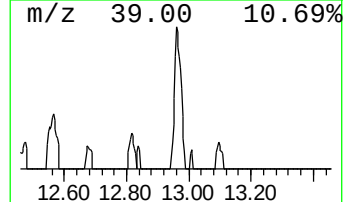
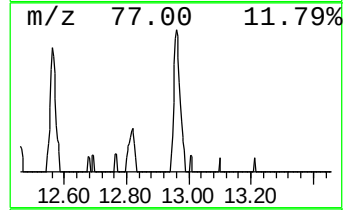
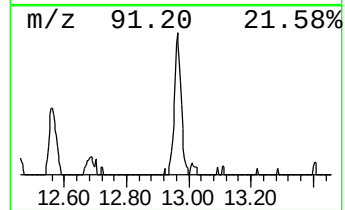
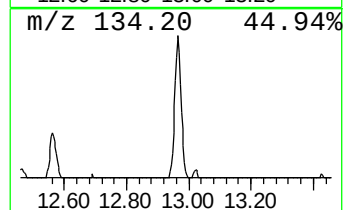
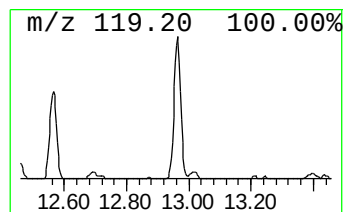
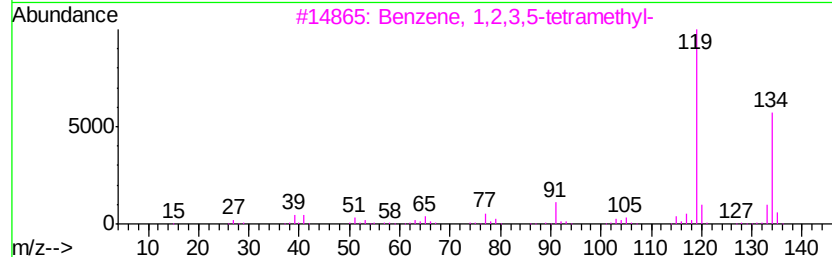
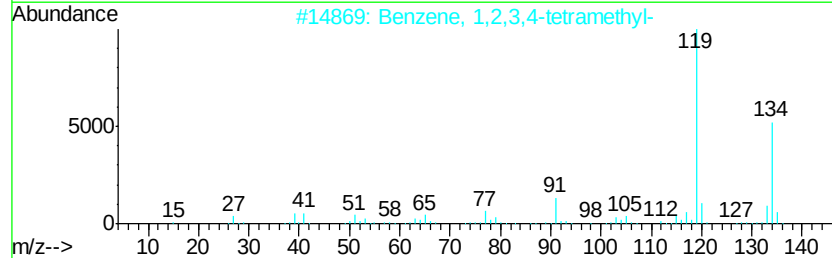
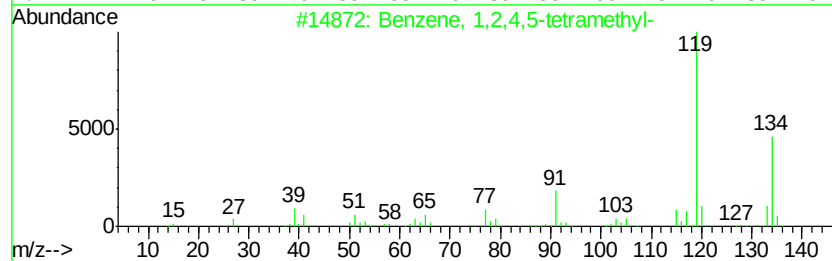
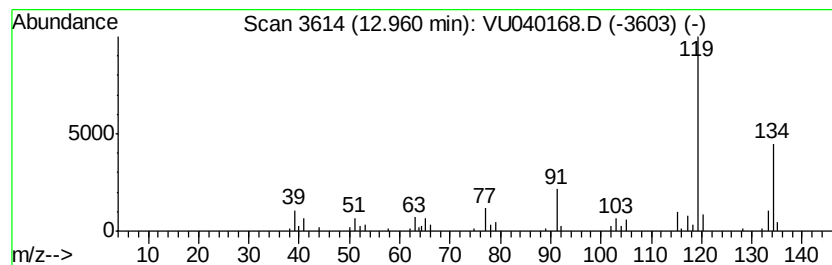
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	0.63 ug/L	45270	1,4-Dichlorobenzene-d4	11.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91



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Quant Title : TRACE VOA SOM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethyl ether	2.39	2.9	ug/L	160448	1	6.26	281017	5.0
Diisopropyl ether	4.02	0.9	ug/L	50440	1	6.26	281017	5.0
Benzene, 1,2,4,5-...	12.96	0.6	ug/L	45270	3	11.81	358634	5.0