LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV020725\
Data File : VV038659.D
Acq On : 07 Feb 2025 20:41
Operator : SY/MD
Sample : Q1334-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E29C0

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\SFAMVTR020625WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV038659.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.208	39	52	64	rBV2	64140	213801	2.95%	1.107%
2	1.275	67	73	82	rVV	179853	229687	3.17%	1.189%
3	1.339	83	93	128	rVV	133839	541452	7.47%	2.804%
4	1.529	146	152	168	rVB	132951	166169	2.29%	0.861%
5	2.053	306	315	333	rVB	272079	408468	5.64%	2.115%
6	3.818	854	864	919	rBV	84185	400279	5.52%	2.073%
7	4.240	979	995	1024	rBV3	164035	439785	6.07%	2.277%
8	4.947	1201	1215	1245	rBV2	398781	1037730	14.32%	5.374%
9	5.529	1383	1396	1427	rBV	282203	629629	8.69%	3.261%
10	5.982	1525	1537	1563	rBV	220901	482240	6.65%	2.497%
11	6.912	1815	1826	1850	rBV2	83581	183261	2.53%	0.949%
12	7.236	1916	1927	1960	rBV	447806	831463	11.47%	4.306%
13	7.558	2015	2027	2051	rBV2	46149	102203	1.41%	0.529%
14	8.021	2162	2171	2216	rBV	469336	1049917	14.49%	5.437%
15	8.776	2395	2406	2439	rBV	450949	810388	11.18%	4.197%
16	10.146	2817	2832	2858	rBV	177248	297540	4.11%	1.541%
17	11.178	3142	3153	3185	rBV	426455	722071	9.96%	3.739%
18	11.551	3259	3269	3293	rVB	426686	702595	9.69%	3.638%
19	13.821	3966	3975	3993	rBV	45613	86236	1.19%	0.447%
20	14.866	4289	4300	4324	rBV	362876	684388	9.44%	3.544%
21	15.612	4517	4532	4589	rBV	3934783	7247584	100.00%	37.531%
22	15.866	4601	4611	4642	rBV	1111181	1913688	26.40%	9.910%
23	16.040	4659	4665	4680	rVB3	80197	130152	1.80%	0.674%

Sum of corrected areas: 19310726

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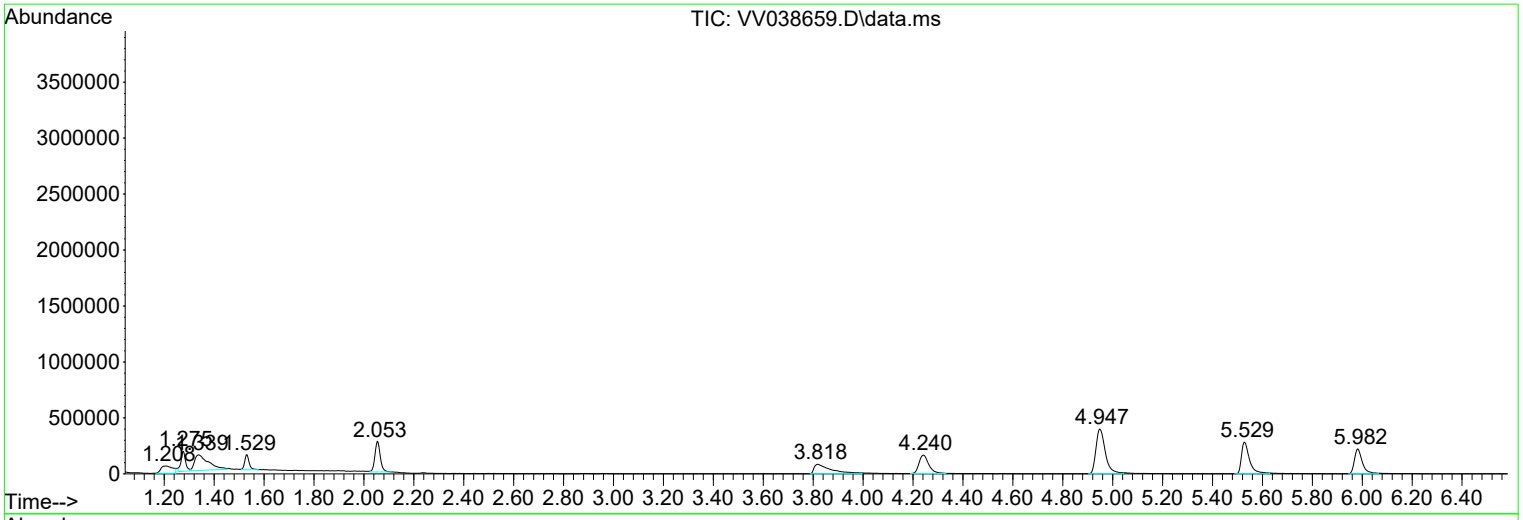
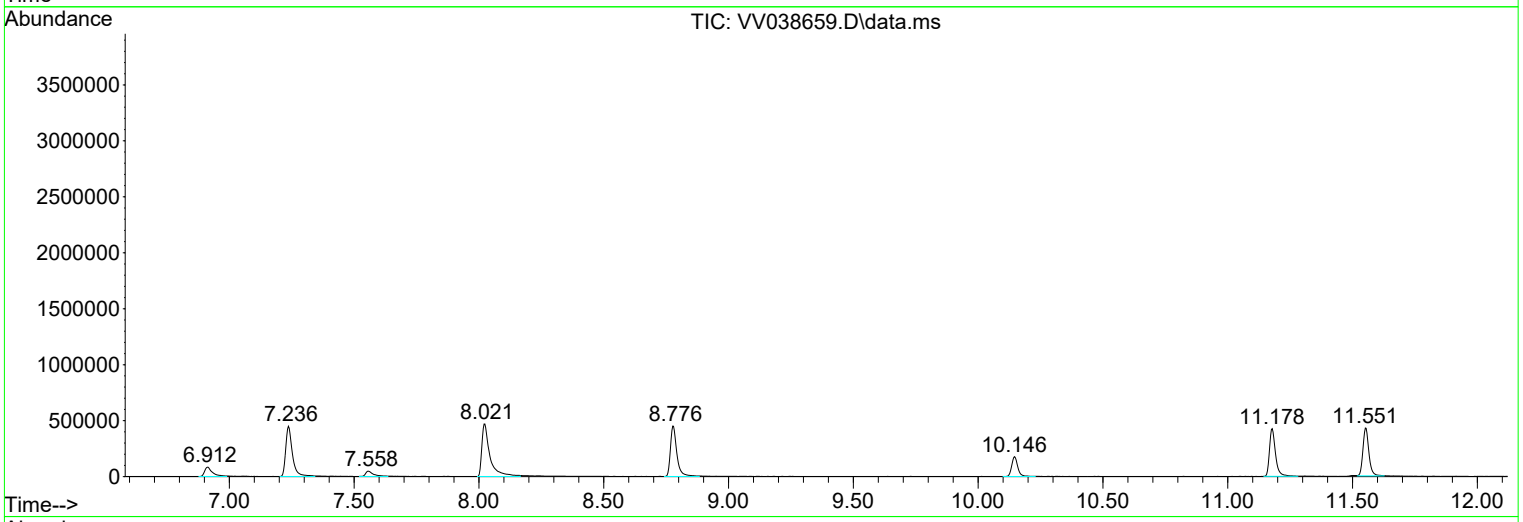
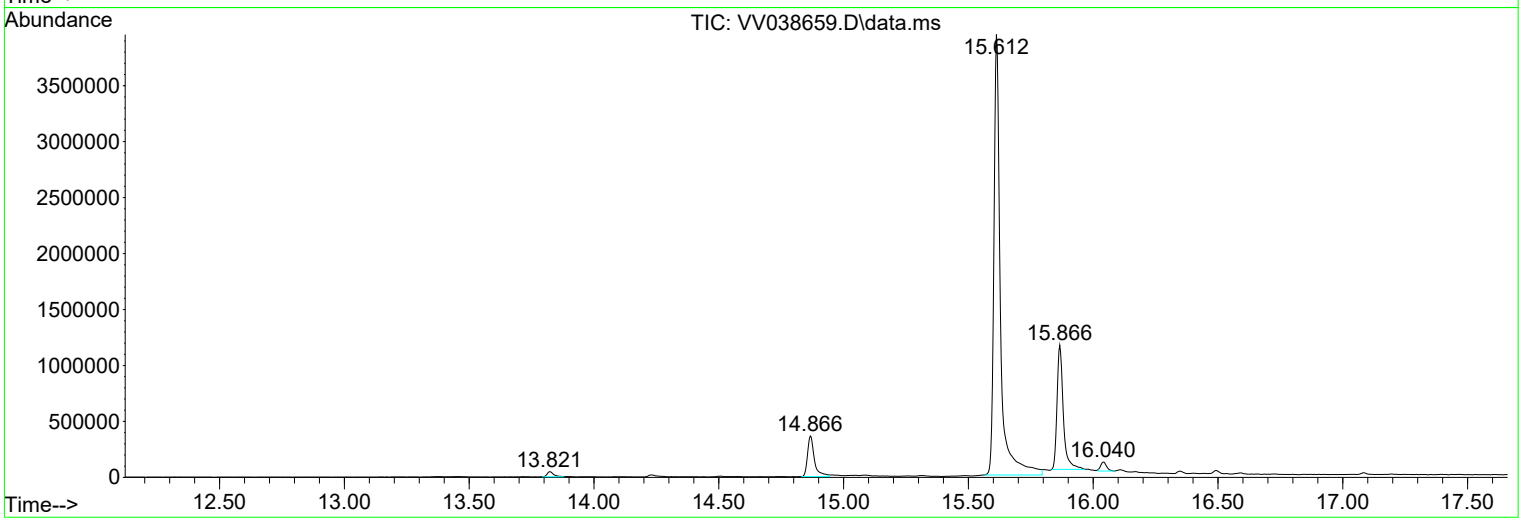
Instrument :
MSVOA_V
ClientSampleId :
E29C0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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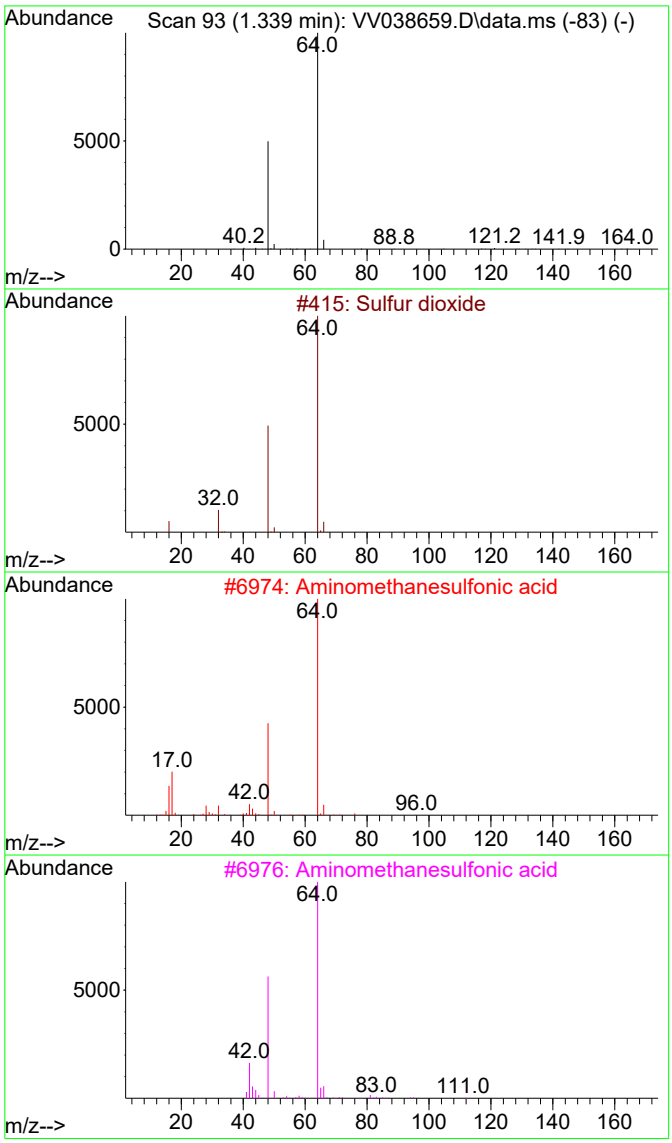
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
Quant Title : TRACE VOA SFAM1.0

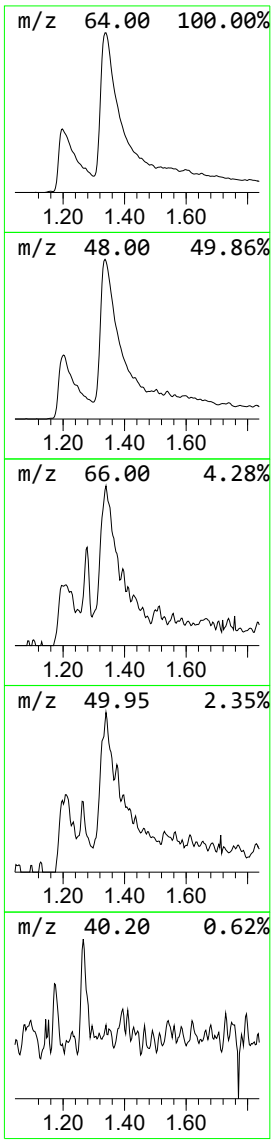
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.339	4.30 ug/L	541452	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	(N-(-2-Acetamido))-2-aminoethane...	182	C4H10N2O4S	007365-82-4	9
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9





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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E29C0

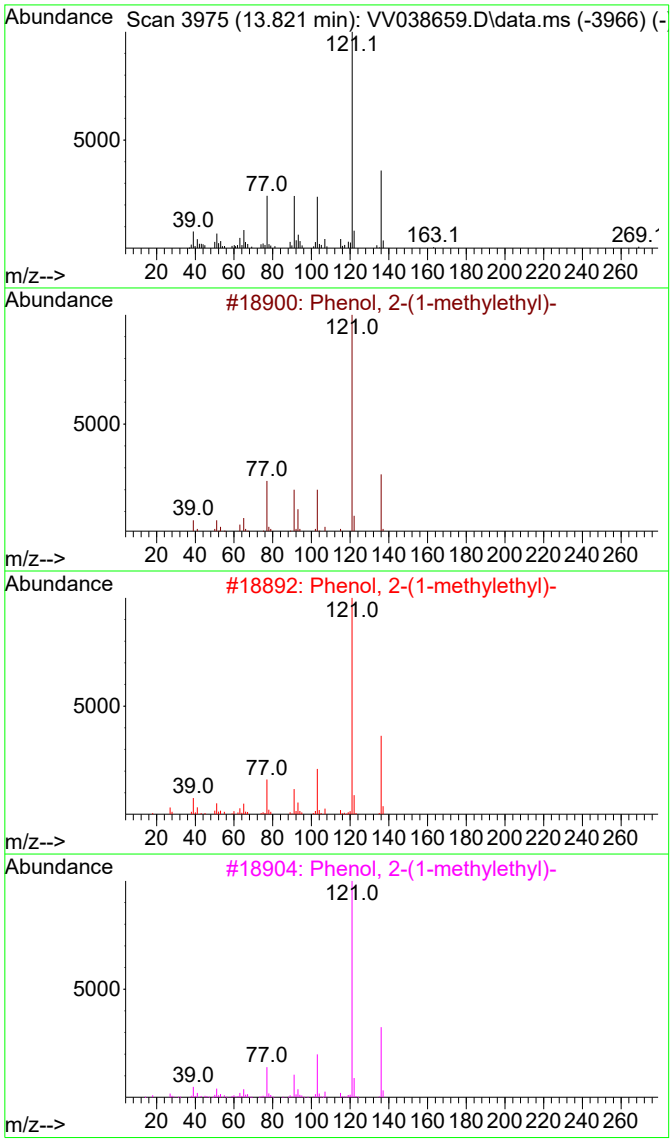
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
Quant Title : TRACE VOA SFAM1.0

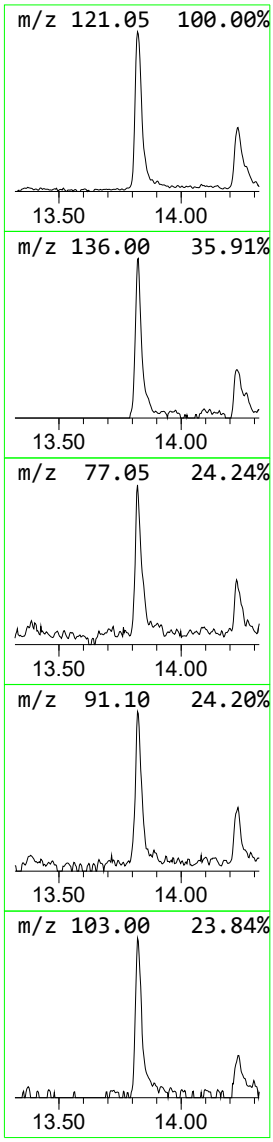
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenol, 2-(1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	0.60 ug/L	86236	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	94
2	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90
5	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV020725\
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Operator : SY/MD
Sample : Q1334-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E29C0

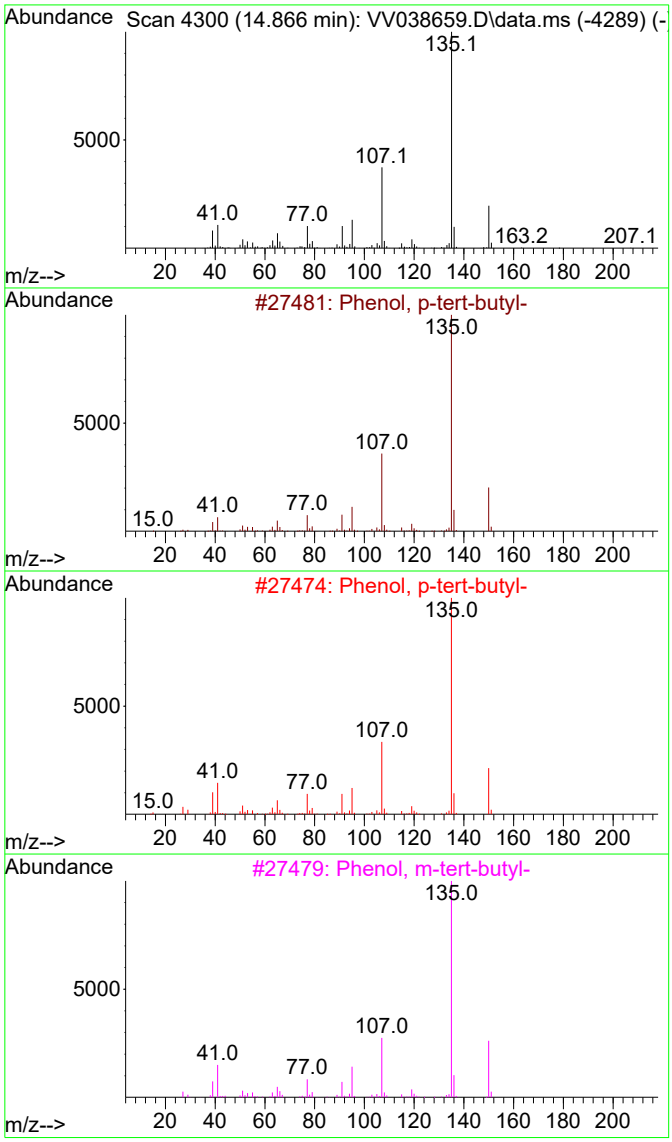
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
Quant Title : TRACE VOA SFAM1.0

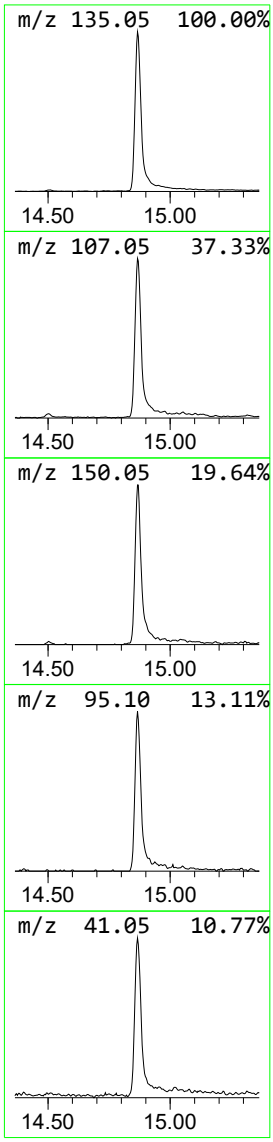
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, p-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.866	4.74 ug/L	684388	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	95
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	93
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91





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Instrument :
MSVOA_V
ClientSampleId :
E29C0

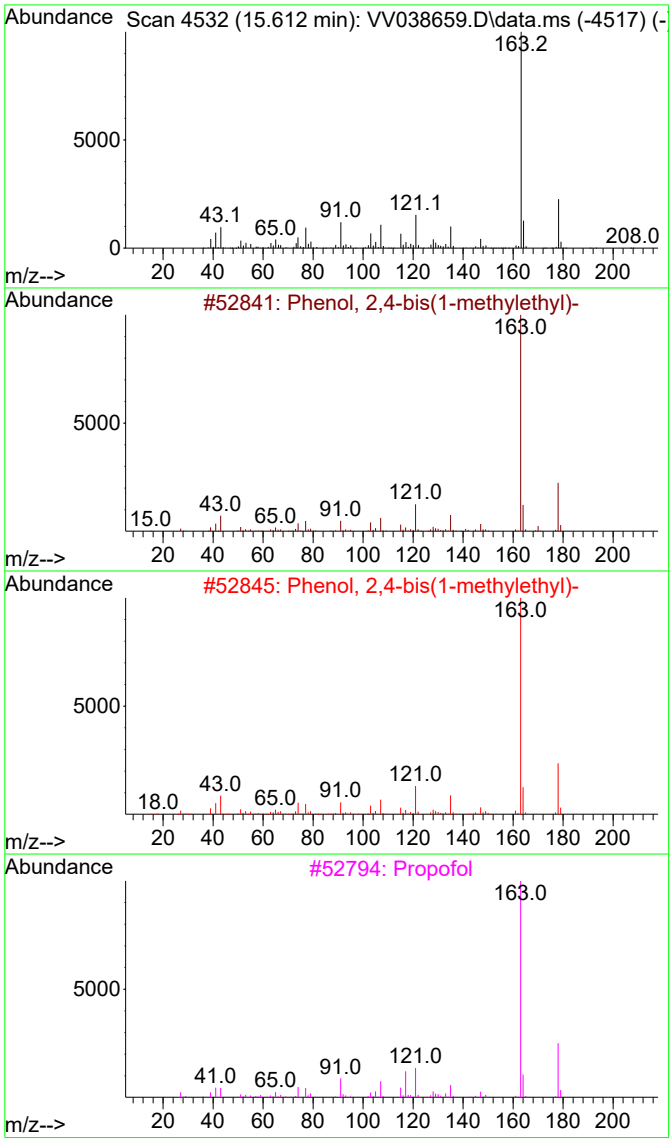
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
Quant Title : TRACE VOA SFAM1.0

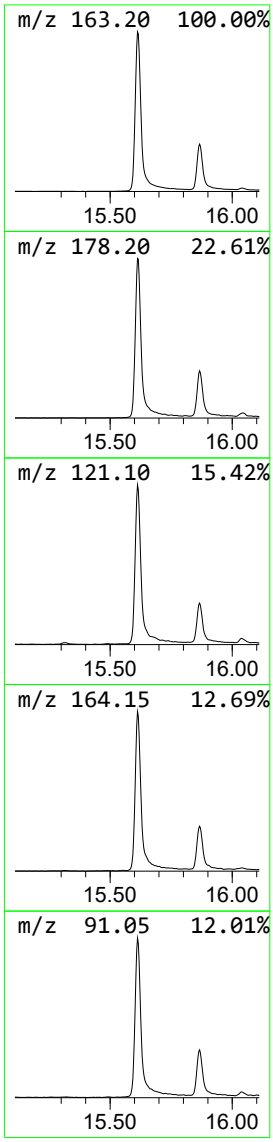
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenol, 2,4-bis(1-methyleth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.612	50.19 ug/L	7247580	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	95
2	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	94
3	Propofol	178	C12H18O	002078-54-8	93
4	Propofol	178	C12H18O	002078-54-8	90
5	Propofol	178	C12H18O	002078-54-8	90





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Instrument :
MSVOA_V
ClientSampleId :
E29C0

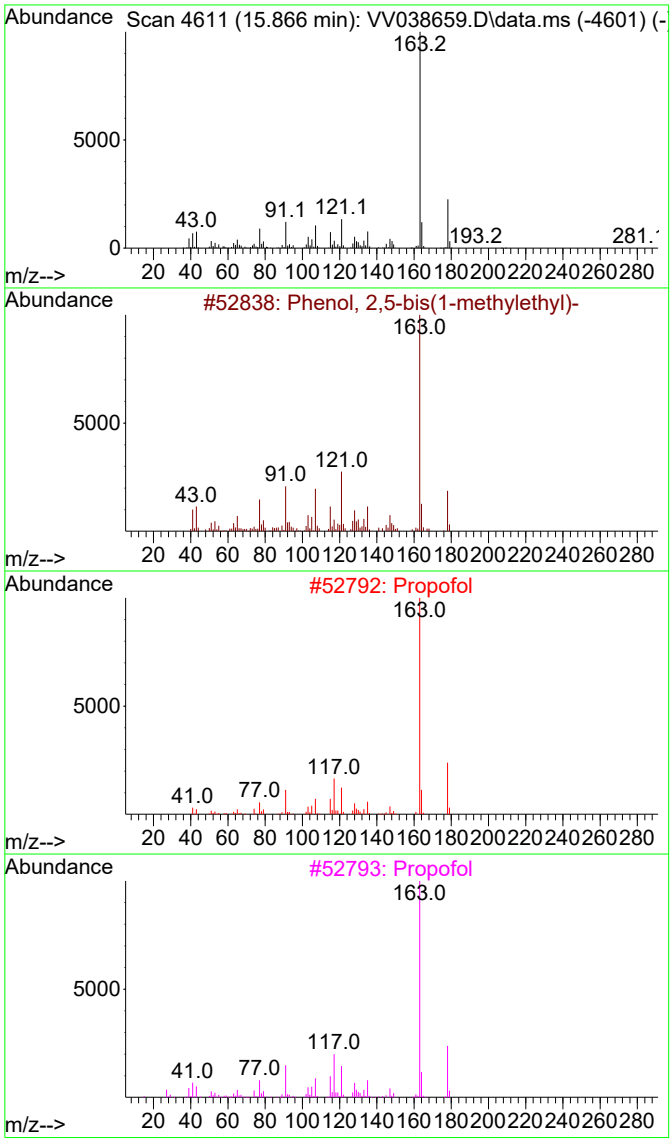
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
Quant Title : TRACE VOA SFAM1.0

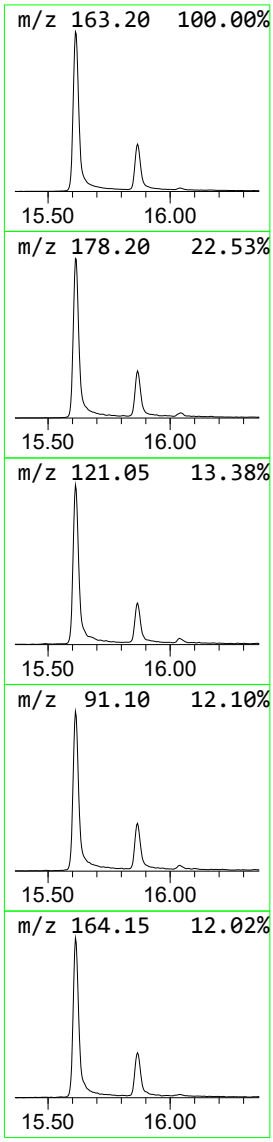
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenol, 2,5-bis(1-methyleth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.866	13.25 ug/L	1913690	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-bis(1-methylethyl)-	178	C12H18O	035946-91-9	95
2	Propofol	178	C12H18O	002078-54-8	94
3	Propofol	178	C12H18O	002078-54-8	94
4	Propofol	178	C12H18O	002078-54-8	94
5	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	91





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MSVOA_V
ClientSampleId :
E29C0

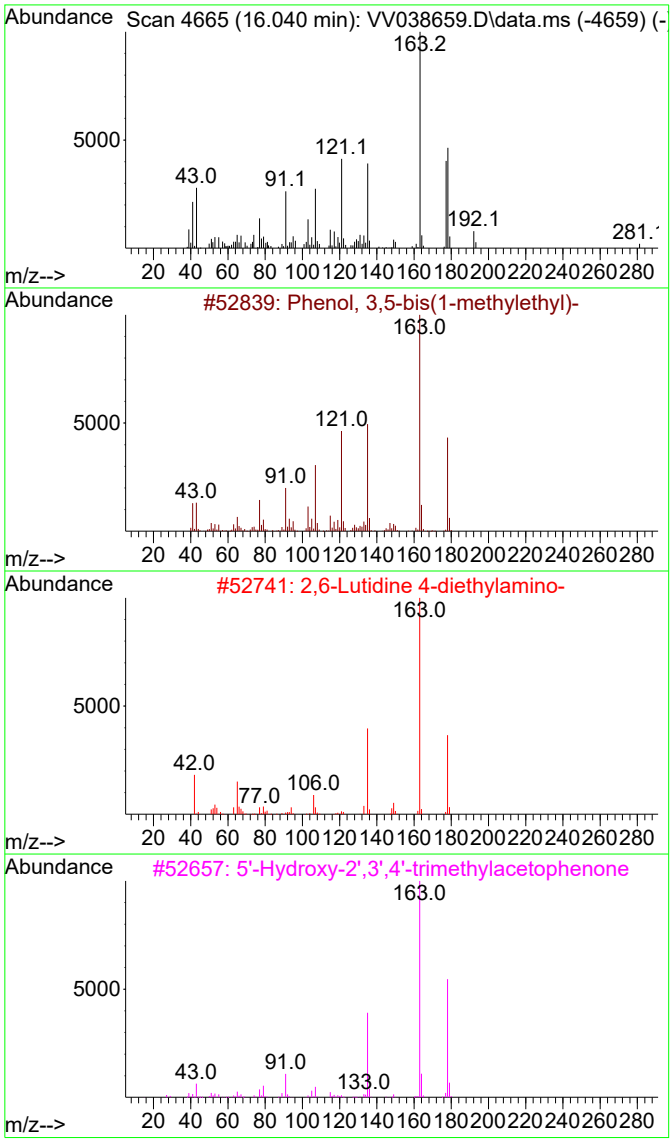
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
Quant Title : TRACE VOA SFAM1.0

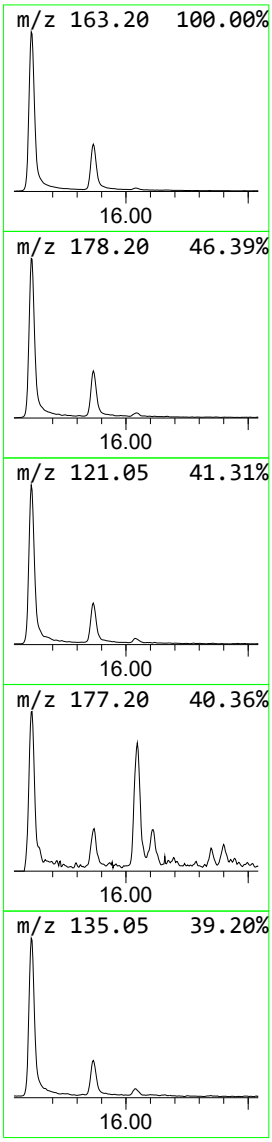
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenol, 3,5-bis(1-methyleth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.040	0.90 ug/L	130152	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-bis(1-methylethyl)-	178	C12H18O	026886-05-5	90
2	2,6-Lutidine 4-diethylamino-	178	C11H18N2	1000252-95-3	52
3	5'-Hydroxy-2',3',4'-trimethylace...	178	C11H14O2	013667-28-2	52
4	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	52
5	Benzene, 1-(1,1-dimethylethyl)-4...	178	C12H18O	017269-94-2	50





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SFAM1.0

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.339	4.3	ug/L	541452	1	5.529	629629	5.0
Phenol, 2-(1-me...	13.821	0.6	ug/L	86236	3	11.178	722071	5.0
Phenol, p-tert-...	14.866	4.7	ug/L	684388	3	11.178	722071	5.0
Phenol, 2,4-bis...	15.612	50.2	ug/L	7247580	3	11.178	722071	5.0
Phenol, 2,5-bis...	15.866	13.3	ug/L	1913690	3	11.178	722071	5.0
Phenol, 3,5-bis...	16.040	0.9	ug/L	130152	3	11.178	722071	5.0