LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV020725\
Data File : VV038658.D
Acq On : 07 Feb 2025 20:16
Operator : SY/MD
Sample : Q1334-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E29B9

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: VV038658.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.188	37	46	64	rBV	56854	168559	1.41%	0.691%
2	1.278	66	74	82	rBV	159032	175867	1.48%	0.721%
3	1.330	82	90	102	rBV	122884	281231	2.36%	1.152%
4	1.529	146	152	162	rBV	126273	152841	1.28%	0.626%
5	2.056	307	316	332	rVB	266122	402654	3.38%	1.650%
6	3.802	850	859	908	rBV	99975	370369	3.11%	1.517%
7	4.243	981	996	1023	rBV	163971	428115	3.59%	1.754%
8	4.950	1202	1216	1250	rBV2	388498	1006295	8.44%	4.123%
9	5.529	1382	1396	1424	rBV	292239	646042	5.42%	2.647%
10	5.982	1524	1537	1562	rBV	218006	471005	3.95%	1.930%
11	6.911	1816	1826	1854	rBV	81368	182979	1.54%	0.750%
12	7.236	1916	1927	1955	rBV	433629	799433	6.71%	3.275%
13	8.021	2162	2171	2212	rBV	456051	976868	8.20%	4.002%
14	8.776	2394	2406	2429	rBV	469022	819362	6.88%	3.357%
15	10.146	2817	2832	2850	rBV	170796	283757	2.38%	1.163%
16	11.178	3142	3153	3180	rBV	446586	737124	6.19%	3.020%
17	11.551	3259	3269	3291	rVB	405456	672838	5.65%	2.757%
18	13.821	3964	3975	3995	rBV	96887	173912	1.46%	0.713%
19	14.866	4284	4300	4323	rBV	310775	591565	4.96%	2.424%
20	15.612	4518	4532	4588	rBV	6785043	11917840	100.00%	48.829%
21	15.866	4601	4611	4656	rVB	1778598	3000454	25.18%	12.293%
22	16.040	4659	4665	4679	rVB3	91882	148267	1.24%	0.607%

Sum of corrected areas: 24407377

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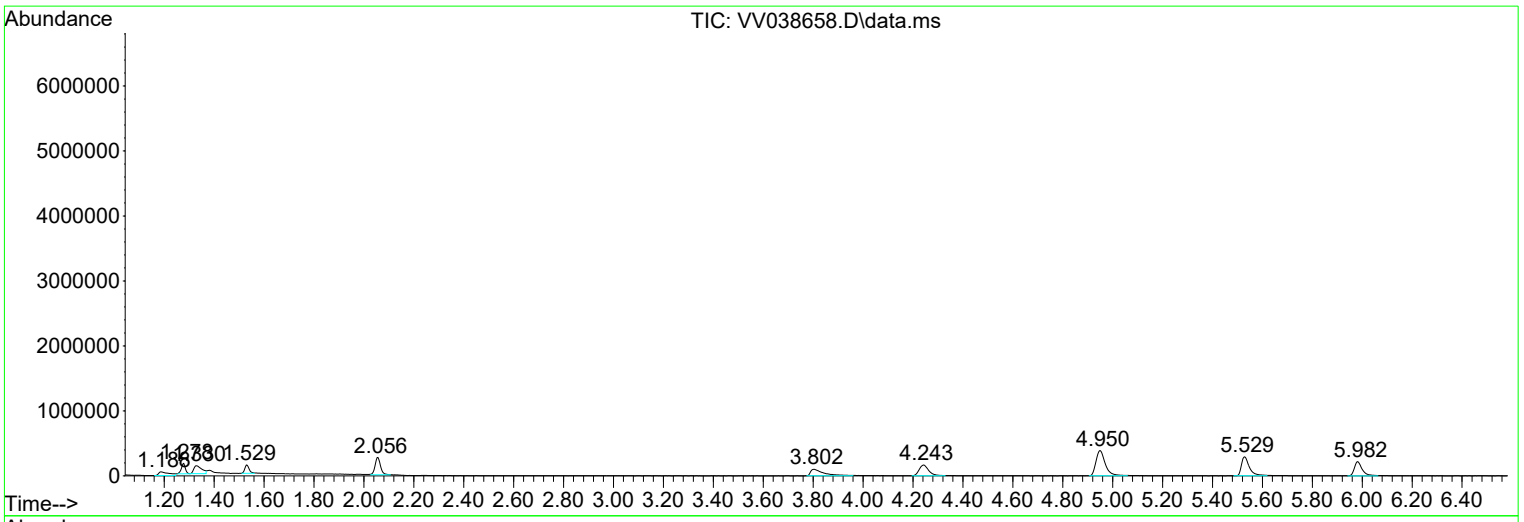
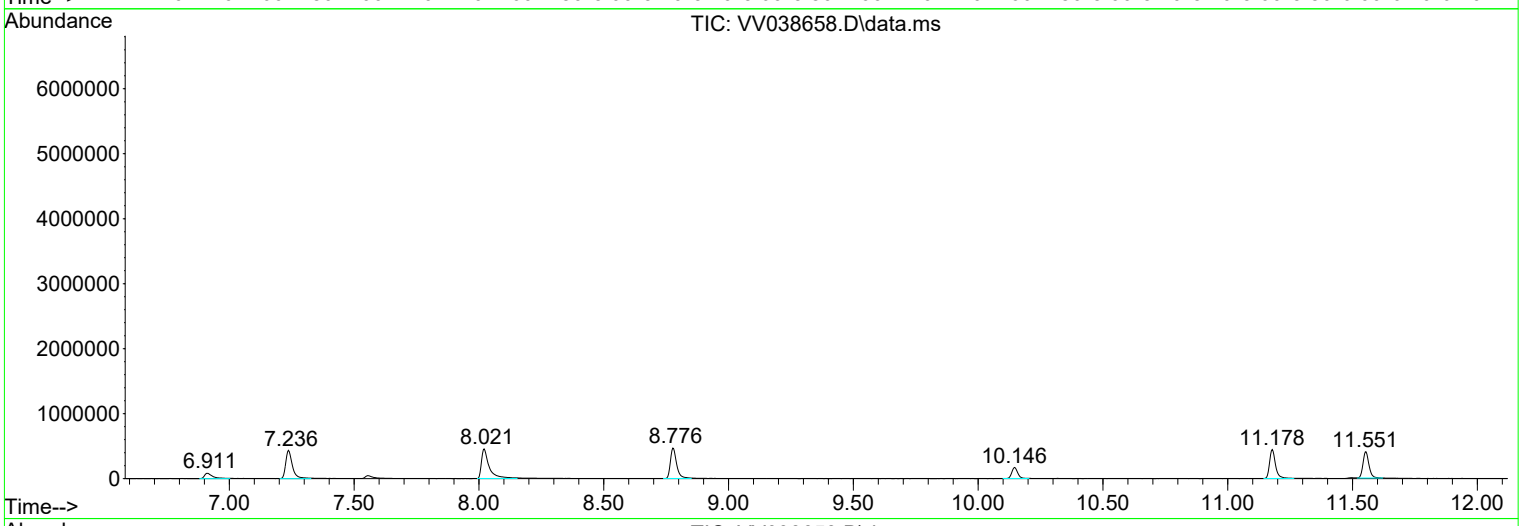
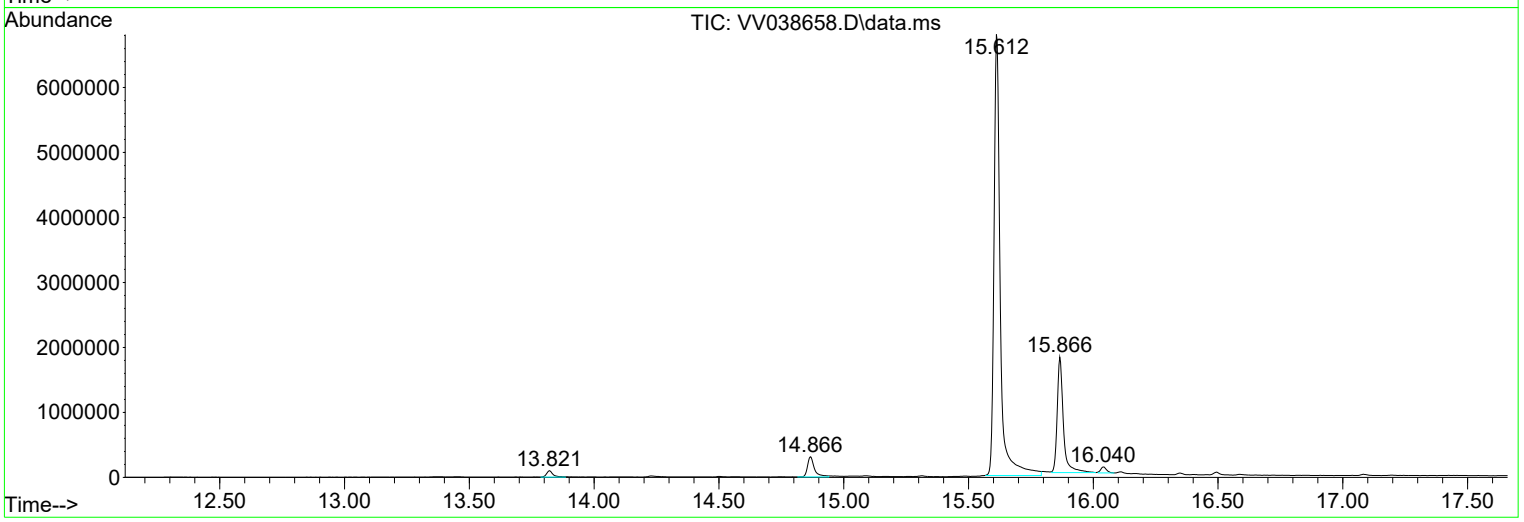
Instrument :
MSVOA_V
ClientSampleId :
E29B9

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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Instrument :
MSVOA_V
ClientSampleId :
E29B9

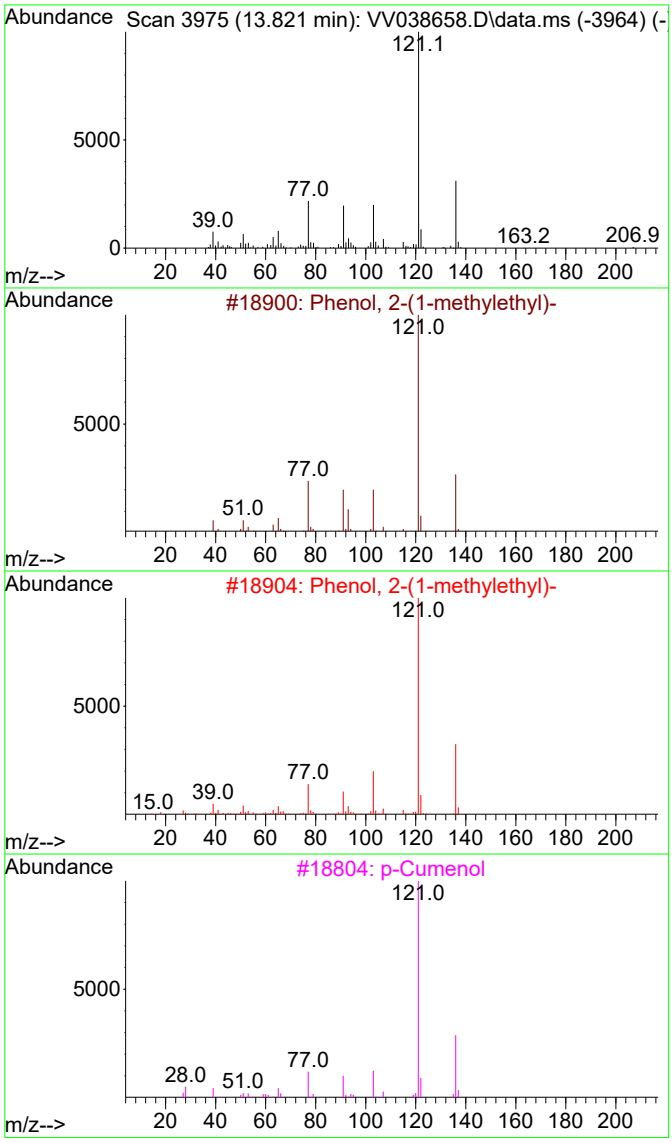
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
Quant Title : TRACE VOA SFAM1.0

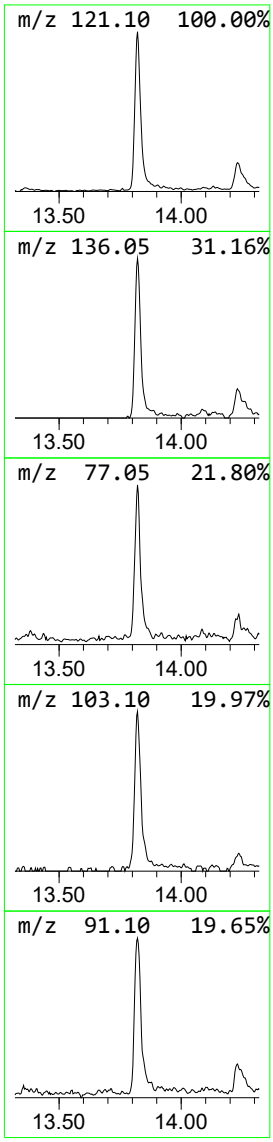
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenol, 2-(1-methylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	1.18 ug/L	173912	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	p-Cumenol	136	C9H12O	000099-89-8	91
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	90





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Sample : Q1334-17
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E29B9

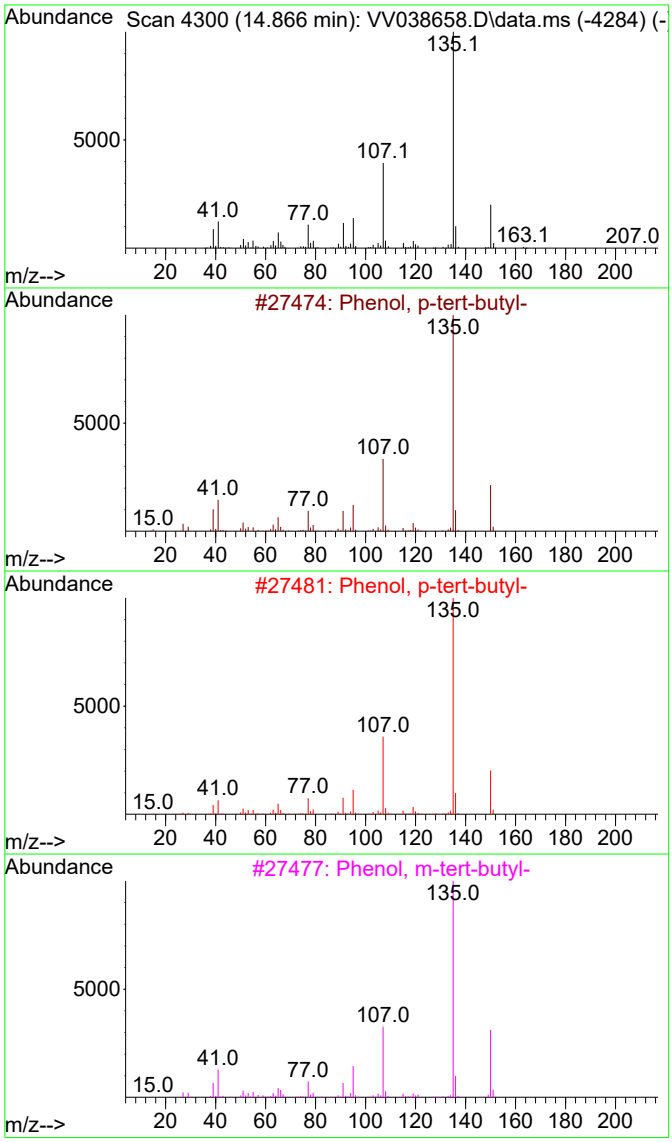
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
Quant Title : TRACE VOA SFAM1.0

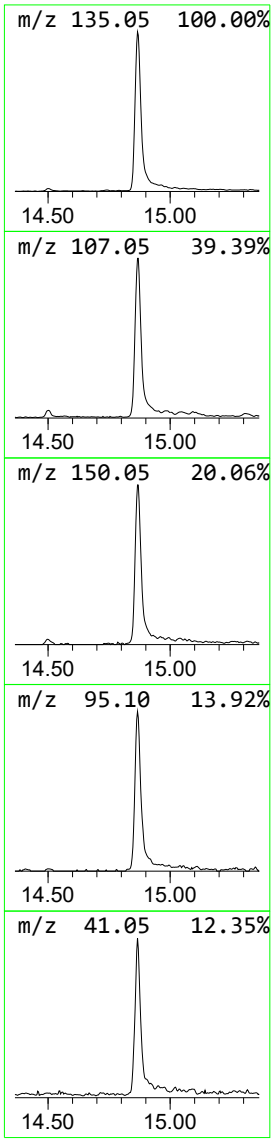
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.866	4.01 ug/L	591565	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	94
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	93
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	93





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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E29B9

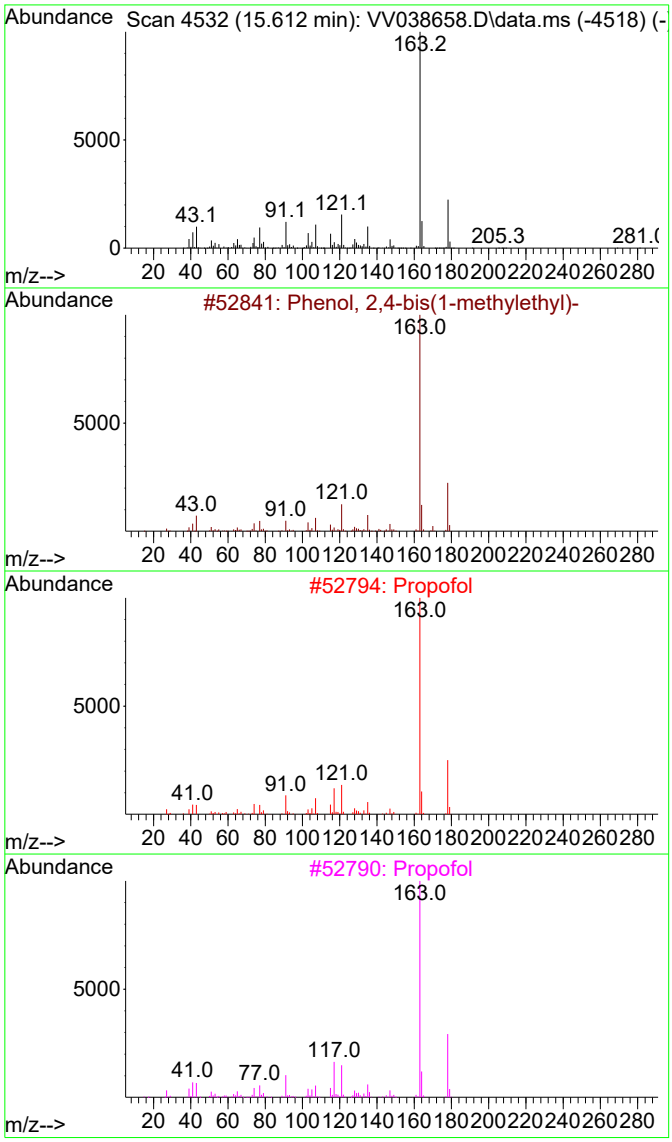
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
Quant Title : TRACE VOA SFAM1.0

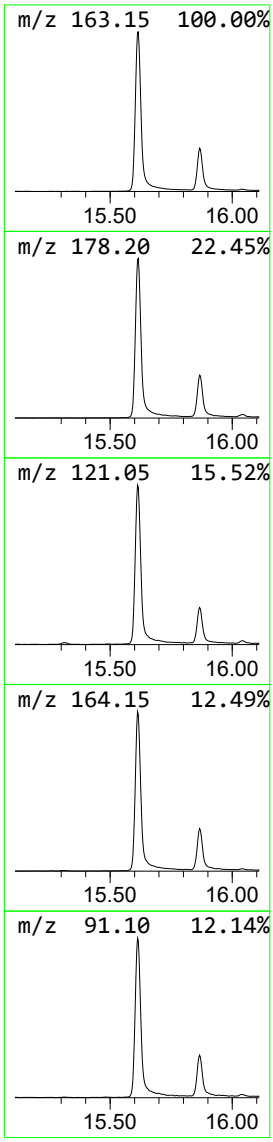
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.612	80.84 ug/L	11917800	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	Propofol	178	C12H18O	002078-54-8	93
3	Propofol	178	C12H18O	002078-54-8	91
4	Propofol	178	C12H18O	002078-54-8	90
5	Propofol	178	C12H18O	002078-54-8	90





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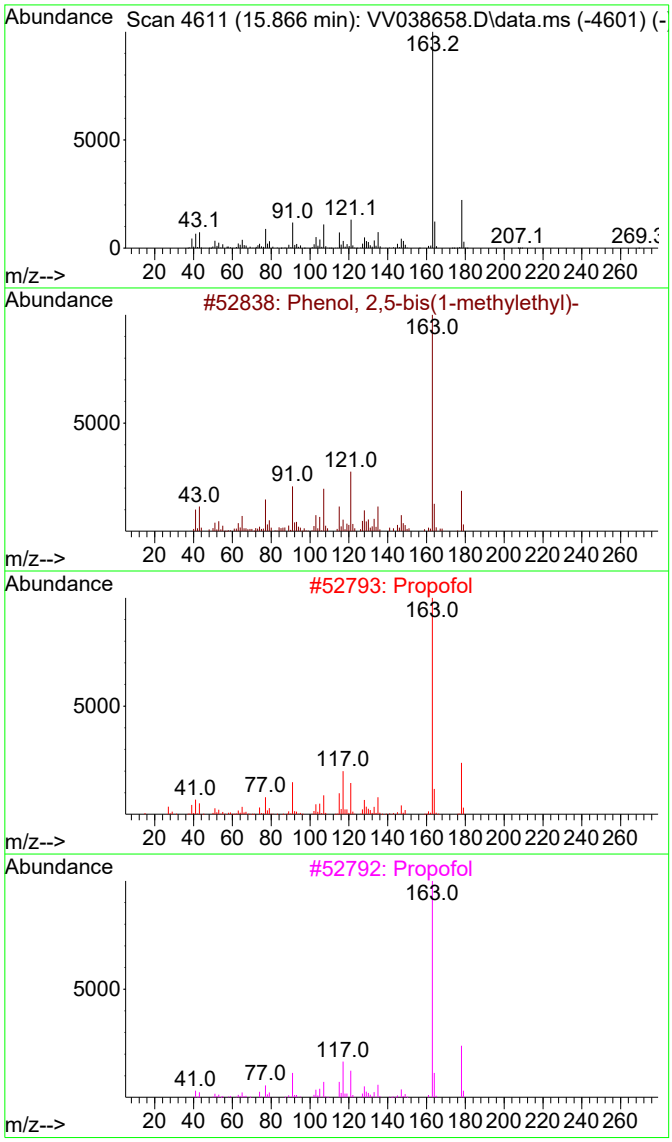
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
Quant Title : TRACE VOA SFAM1.0

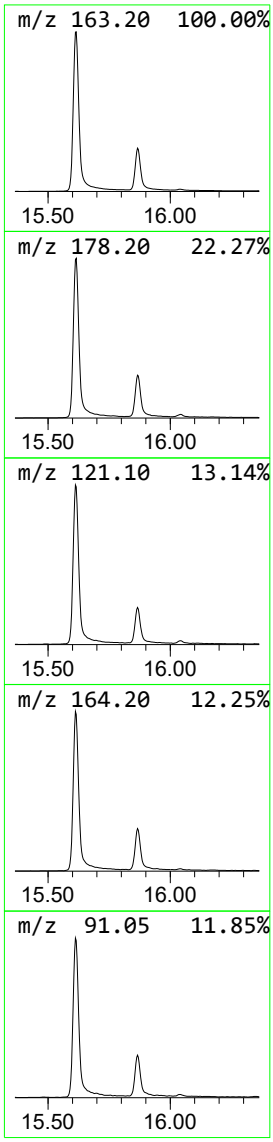
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.866	20.35 ug/L	3000450	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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Instrument :
MSVOA_V
ClientSampleId :
E29B9

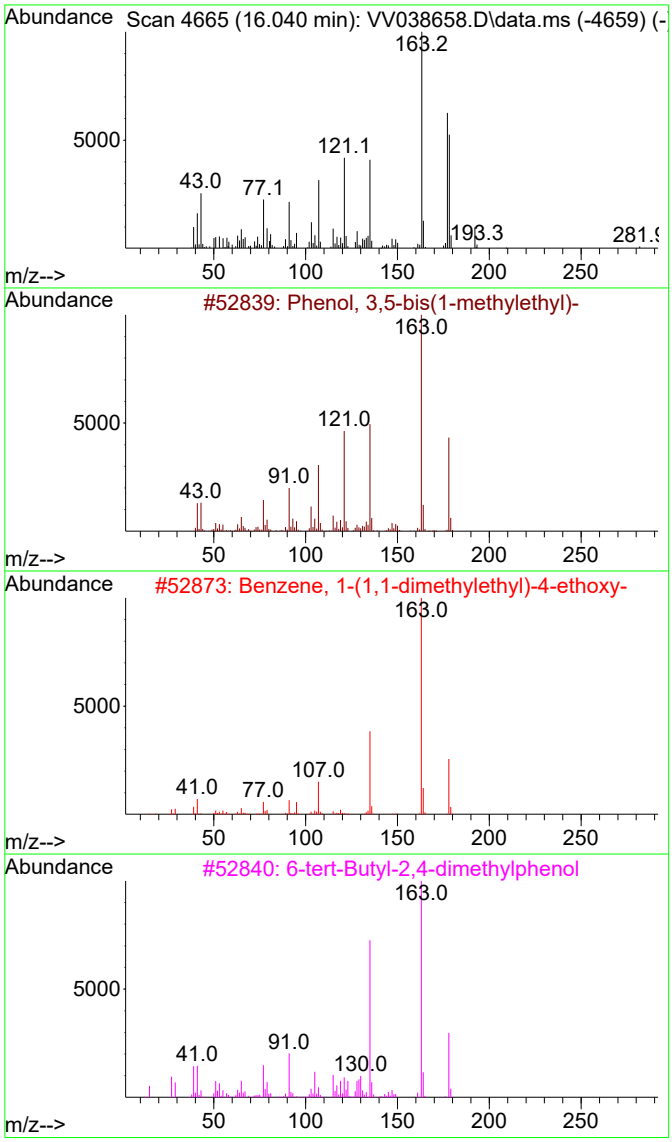
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020625WMA.M
Quant Title : TRACE VOA SFAM1.0

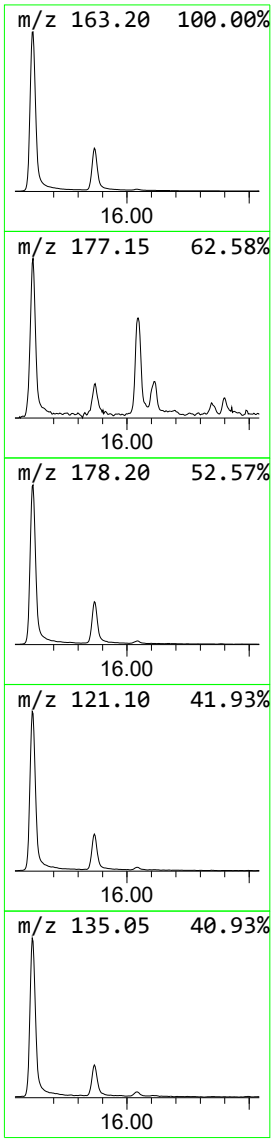
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.040	1.01 ug/L	148267	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	95
2	Benzene, 1-(1,1-dimethylethyl)-4...	178	C12H18O	017269-94-2	76
3	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	58
4	Propanal, 2-(4-ethoxyphenyl)-2-m...	192	C12H16O2	093622-71-0	55
5	Propofol	178	C12H18O	002078-54-8	55





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SFAM1.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, 2-(1-me...	13.821	1.2	ug/L	173912	3	11.178	737124	5.0
Phenol, p-tert-...	14.866	4.0	ug/L	591565	3	11.178	737124	5.0
Phenol, 2,4-bis...	15.612	80.8	ug/L	11917800	3	11.178	737124	5.0
Phenol, 2,5-bis...	15.866	20.4	ug/L	3000450	3	11.178	737124	5.0
Phenol, 3,5-bis...	16.040	1.0	ug/L	148267	3	11.178	737124	5.0