LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012925\
Data File : VU063089.D
Acq On : 29 Jan 2025 13:14
Operator : MD/SY
Sample : Q1195-17
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2968

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_U\Method\SFAMUTR012725WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU063089.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.589	81	93	102	rBV2	18601	30481	1.00%	0.455%
2	1.724	127	135	147	rVB	37155	45566	1.50%	0.680%
3	2.554	382	393	406	rBV3	44032	72468	2.38%	1.081%
4	4.631	1027	1039	1061	rBV4	22762	77974	2.56%	1.163%
5	5.049	1154	1169	1191	rBV	58640	129429	4.25%	1.930%
6	5.711	1357	1375	1397	rBV2	96581	257753	8.46%	3.844%
7	6.235	1527	1538	1564	rBV	116279	229566	7.54%	3.424%
8	6.679	1664	1676	1697	rBB2	59865	116249	3.82%	1.734%
9	7.557	1938	1949	1968	rBV2	37090	66279	2.18%	0.989%
10	7.888	2040	2052	2071	rBV	131368	231065	7.59%	3.446%
11	8.171	2131	2140	2157	rBV2	24723	43000	1.41%	0.641%
12	8.624	2271	2281	2308	rBV2	139466	267090	8.77%	3.984%
13	9.409	2511	2525	2548	rBV	184214	312921	10.27%	4.667%
14	10.746	2930	2941	2957	rBB	62490	98691	3.24%	1.472%
15	11.804	3258	3270	3290	rBV	224250	366186	12.02%	5.462%
16	12.052	3335	3347	3376	rBV2	93955	217132	7.13%	3.239%
17	12.183	3377	3388	3407	rVB	188608	317150	10.41%	4.730%
18	14.415	4071	4082	4095	rBV	30044	46326	1.52%	0.691%
19	15.476	4402	4412	4425	rBV2	51328	92806	3.05%	1.384%
20	16.225	4630	4645	4681	rBV	1791368	3046239	100.00%	45.435%
21	16.482	4714	4725	4748	rBV	389444	640301	21.02%	9.550%

Sum of corrected areas: 6704672

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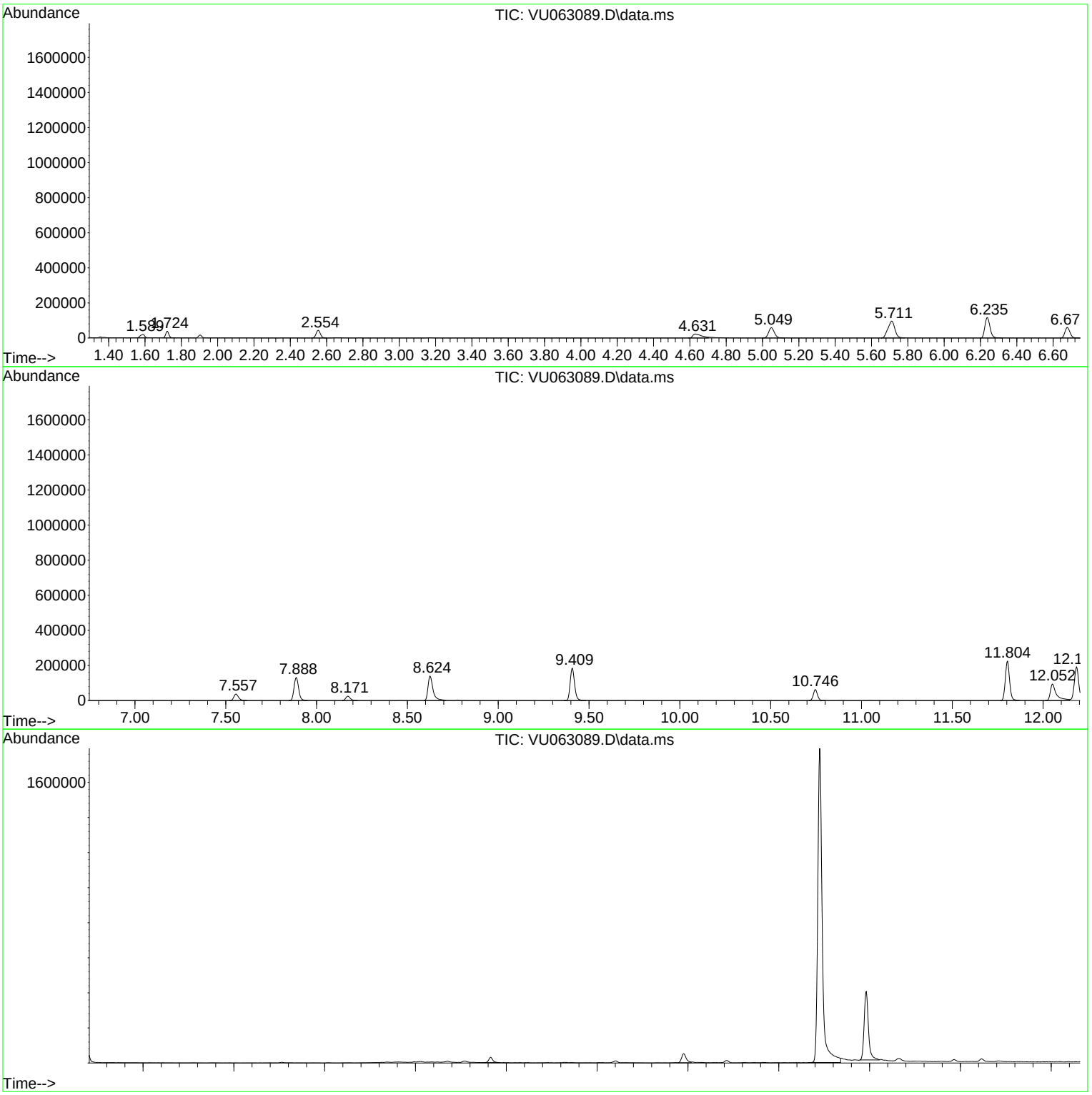
E2968

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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ClientSampleId :
E2968

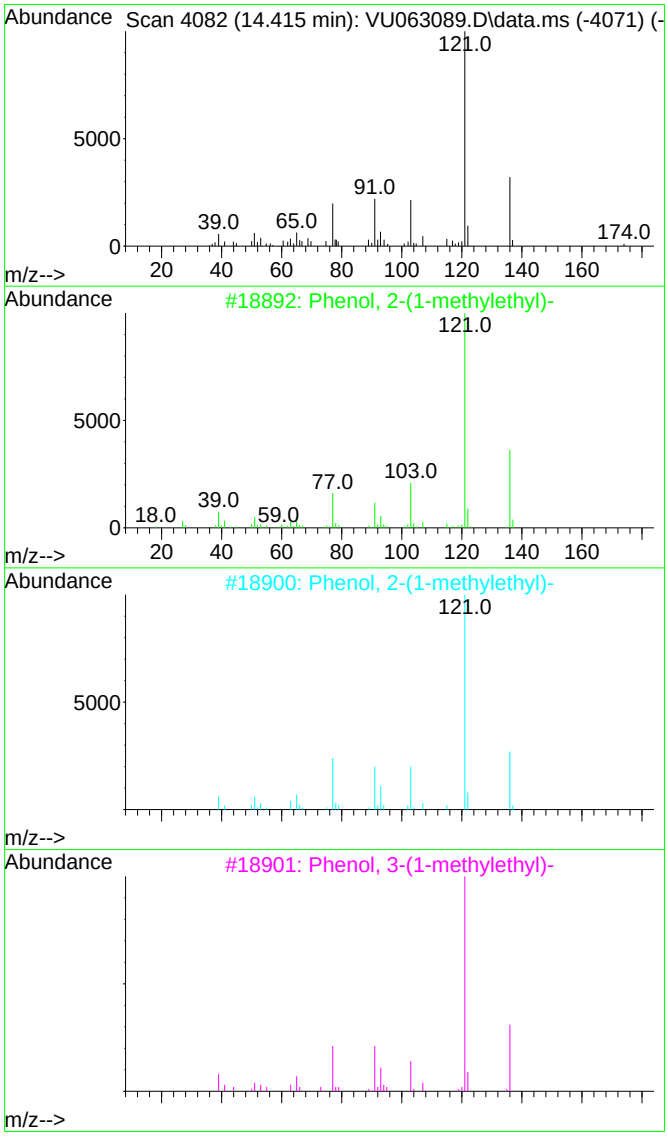
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0

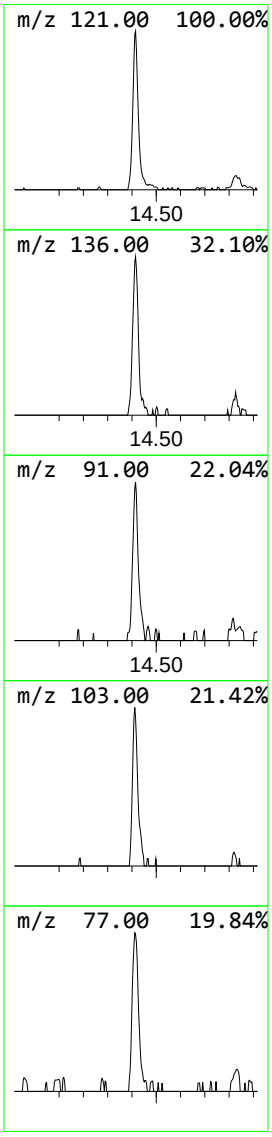
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.415	0.63 ug/L	46326	1,4-Dichlorobenzene-d4	11.804

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





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2968

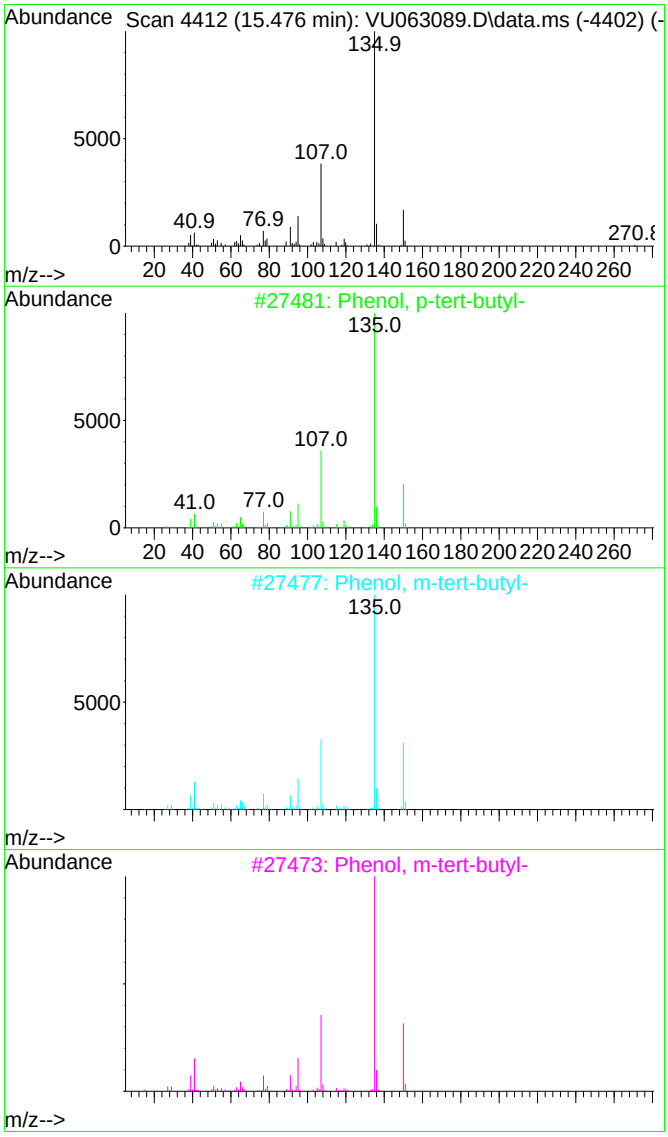
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0

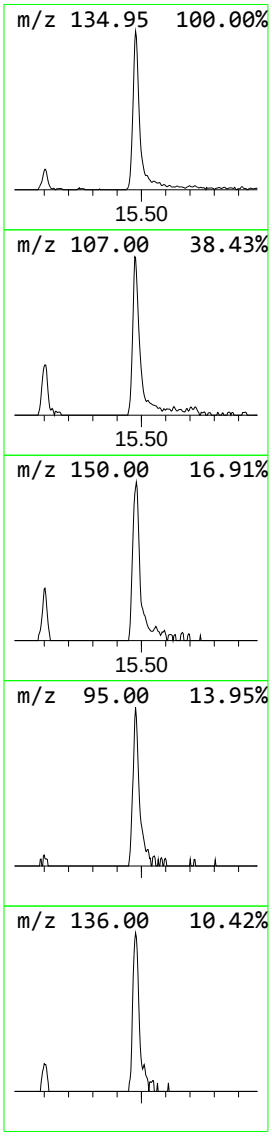
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.476	1.27 ug/L	92806	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	94
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	91





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2968

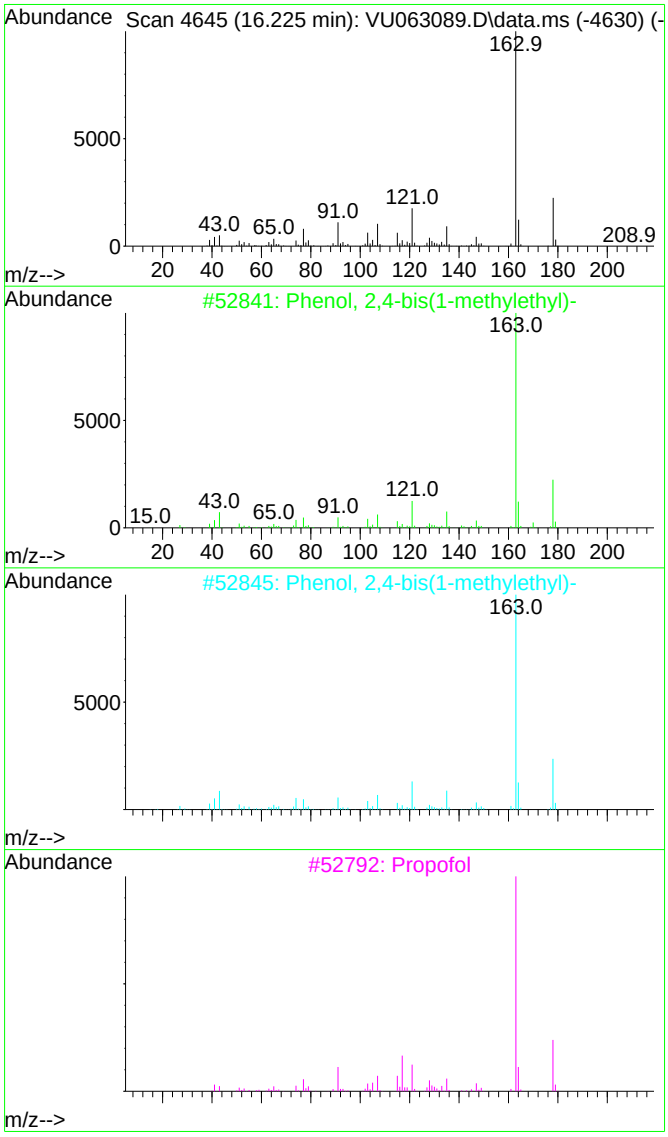
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0

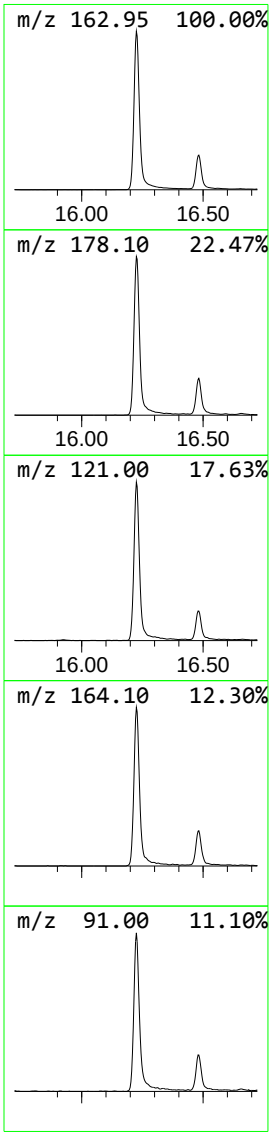
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.225	41.59 ug/L	3046240	1,4-Dichlorobenzene-d4	11.804

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	94
4	Propofol	178	C12H18O	002078-54-8	93
5	Propofol	178	C12H18O	002078-54-8	90





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2968

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0

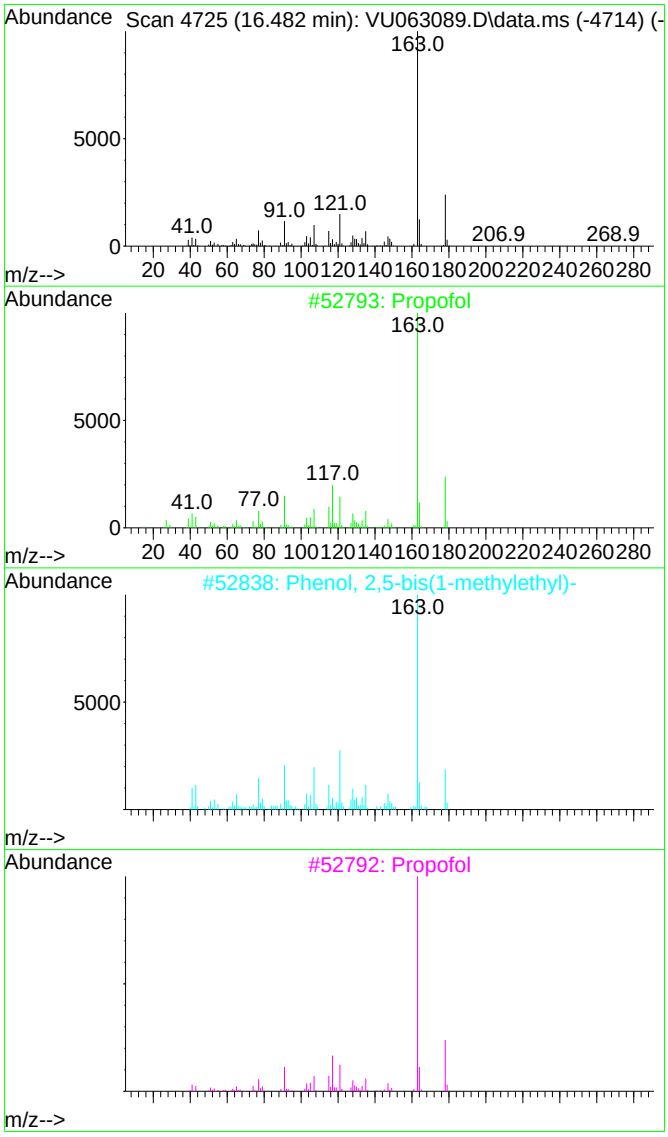
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

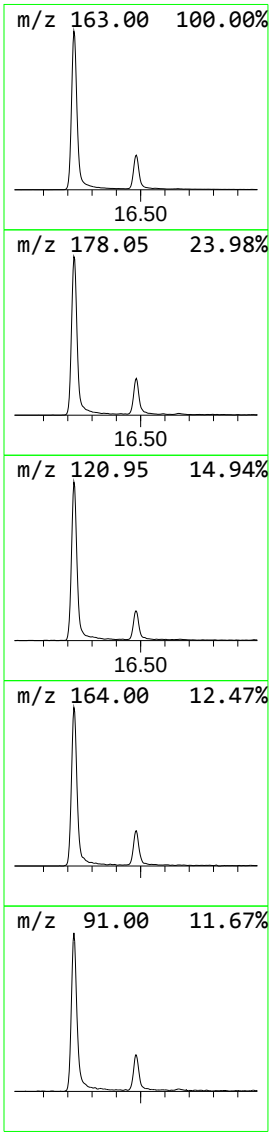
****

Peak Number 7 Propofol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	8.74 ug/L	640301	1,4-Dichlorobenzene-d4	11.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propofol	178	C12H18O	002078-54-8	94
2	Phenol, 2,5-bis(1-methylethyl)-	178	C12H18O	035946-91-9	94
3	Propofol	178	C12H18O	002078-54-8	93
4	Propofol	178	C12H18O	002078-54-8	90
5	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	90





Tentatively Identified Compound (LSC) summary

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MSVOA_U
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
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...	14.415	0.6	ug/L	46326	3	11.804	366186	5.0
Phenol, p-tert-...	15.476	1.3	ug/L	92806	3	11.804	366186	5.0
Phenol, 2,4-bis...	16.225	41.6	ug/L	3046240	3	11.804	366186	5.0
Propofol	16.482	8.7	ug/L	640301	3	11.804	366186	5.0