LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018653.D
Acq On : 29 Sep 2020 13:25
Operator : JC/SP
Sample : L4135-16
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG489

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_X\METHOD\SOMXTR092820WMA.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	1.386	45	49	57	rVB	93225	114596	3.18%	0.928%
2	1.587	72	82	83	rBV3	20412	44023	1.22%	0.356%
3	1.697	96	100	105	rBV	80777	95039	2.64%	0.770%
4	2.166	173	177	184	rBV	77491	120976	3.36%	0.980%
5	2.343	201	206	217	rVB	185546	291080	8.08%	2.357%
6	3.148	331	338	350	rVB6	12779	37668	1.05%	0.305%
7	3.824	439	449	460	rBV	42505	113443	3.15%	0.919%
8	4.550	557	568	578	rBV	92454	301649	8.37%	2.443%
9	5.141	651	665	677	rBV2	122074	408584	11.34%	3.309%
10	6.044	802	813	824	rBV2	277184	807198	22.40%	6.536%
11	6.830	933	942	953	rBV	277292	653729	18.14%	5.294%
12	7.367	1022	1030	1049	rVB	177654	414194	11.49%	3.354%
13	8.372	1189	1195	1203	rBV	110873	188481	5.23%	1.526%
14	8.696	1239	1248	1256	rBV	459735	702762	19.50%	5.691%
15	8.994	1287	1297	1307	rBV	74191	119200	3.31%	0.965%
16	9.427	1361	1368	1376	rBV	545326	752519	20.88%	6.094%
17	10.098	1472	1478	1480	rBV	586481	869037	24.12%	7.037%
18	10.122	1480	1482	1490	rVB	533212	613427	17.02%	4.967%
19	10.415	1524	1530	1537	rBV	38416	57246	1.59%	0.464%
20	11.232	1659	1664	1668	rBV	179759	232195	6.44%	1.880%
21	12.061	1795	1800	1808	rBV2	630526	907653	25.19%	7.350%
22	12.219	1823	1826	1830	rBV	38684	48378	1.34%	0.392%
23	12.280	1832	1836	1842	rVB	88948	124537	3.46%	1.008%
24	12.360	1842	1849	1857	rBV	524838	691627	19.19%	5.601%
25	16.151	2463	2471	2479	rBV	2352988	3603610	100.00%	29.181%
26	16.389	2506	2510	2516	rVB5	18452	36482	1.01%	0.295%

Sum of corrected areas: 12349333

LSC Report - Integrated Chromatogram

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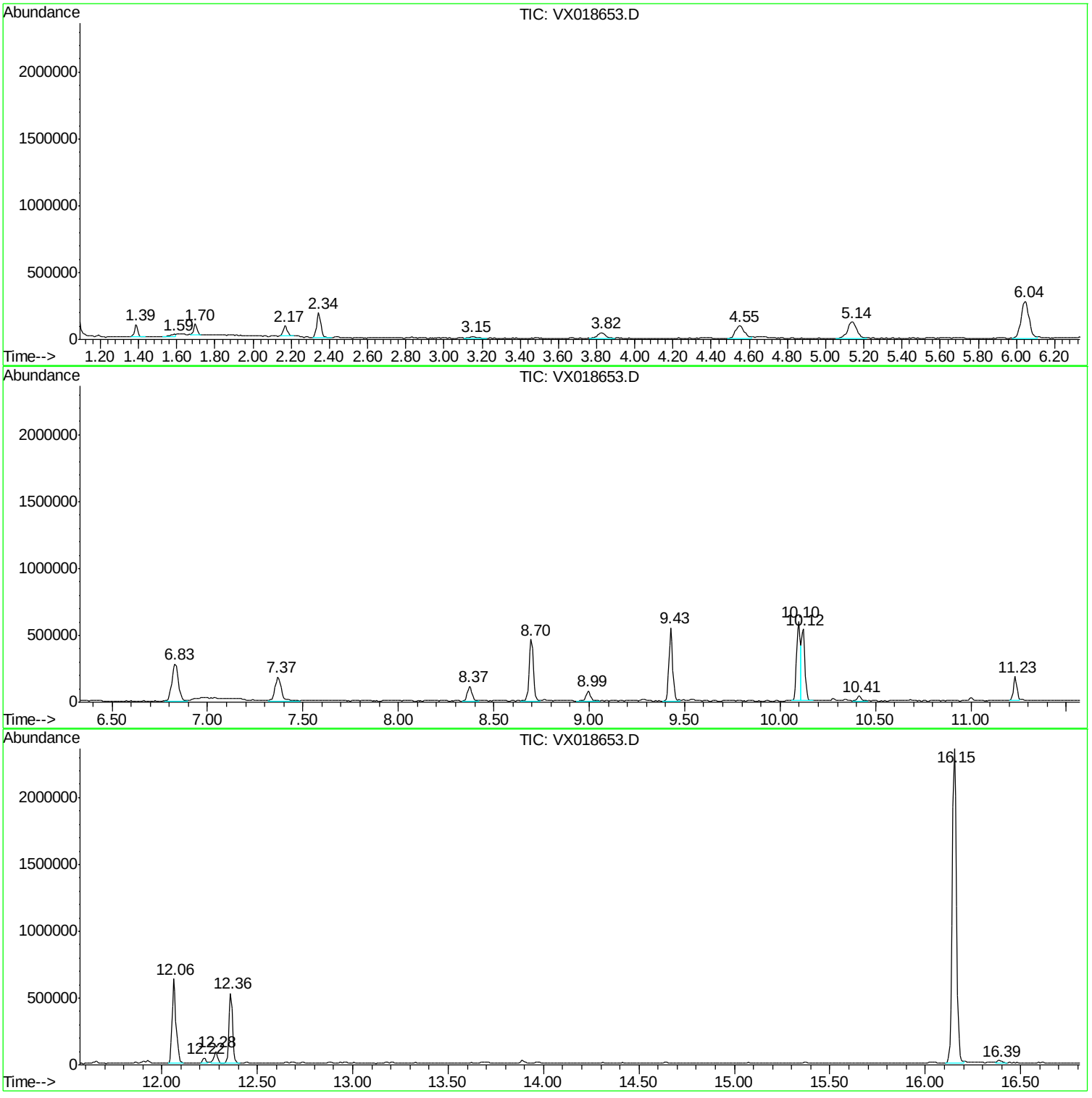
Instrument : MSVOA_X
ClientSampleId : BG489

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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



Library Search Compound Report

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

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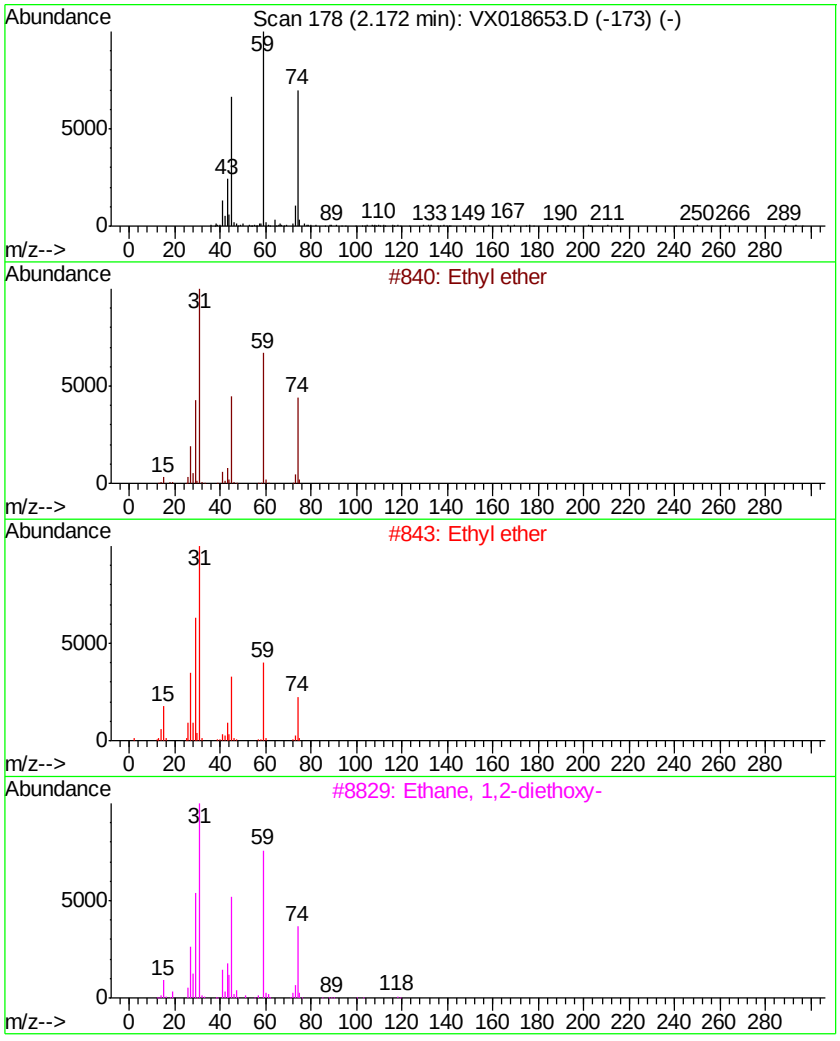
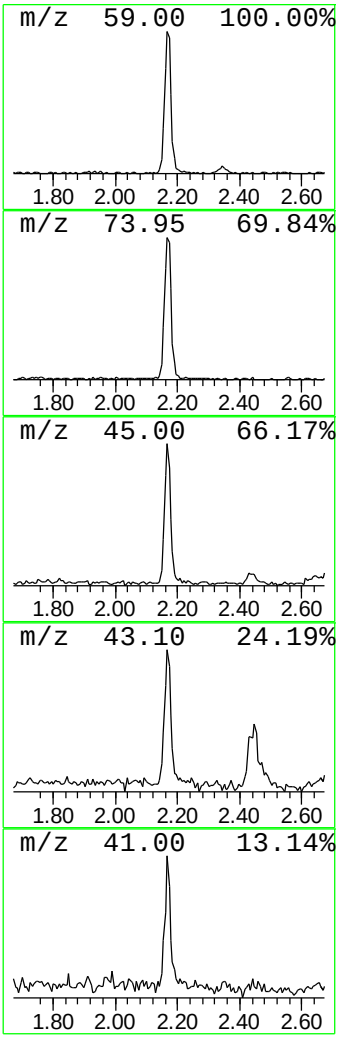
Peak Number 1 Ethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	0.93 ug/L	120976	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	90
2	Ethyl ether	74	C4H10O	000060-29-7	83
3	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	64
4	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	64
5	Ethyl ether	74	C4H10O	000060-29-7	59





Library Search Compound Report

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Operator : JC/SP
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Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG489

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

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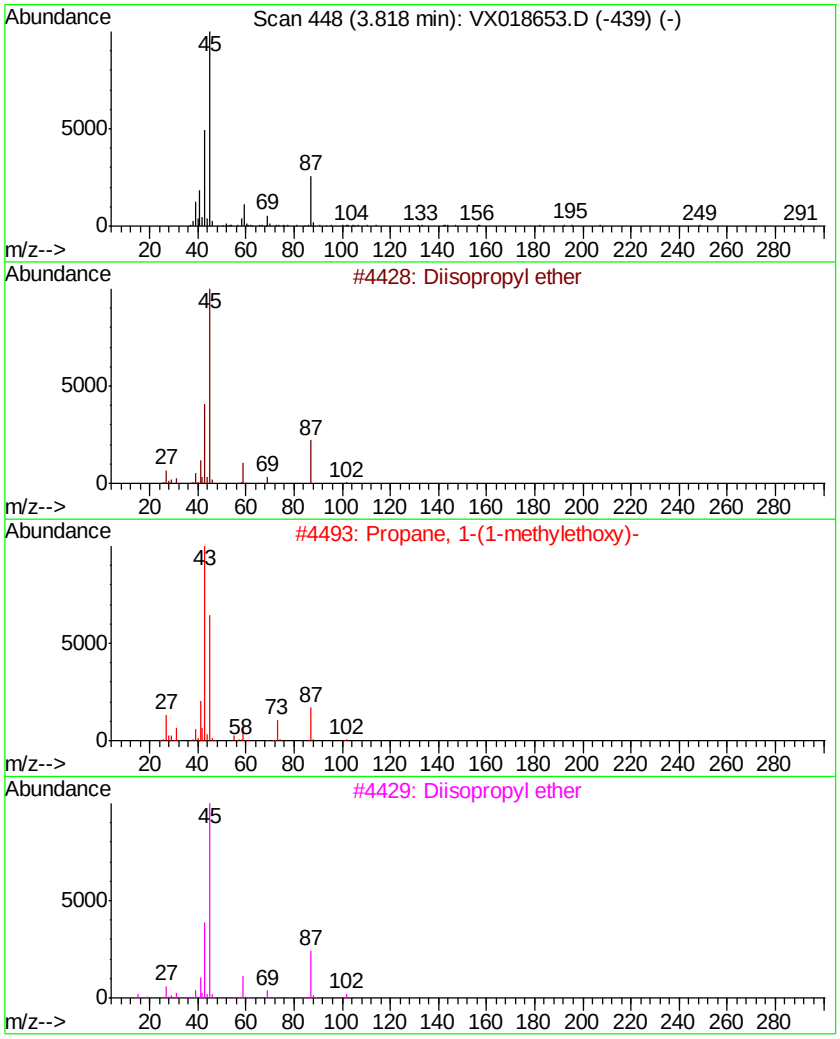
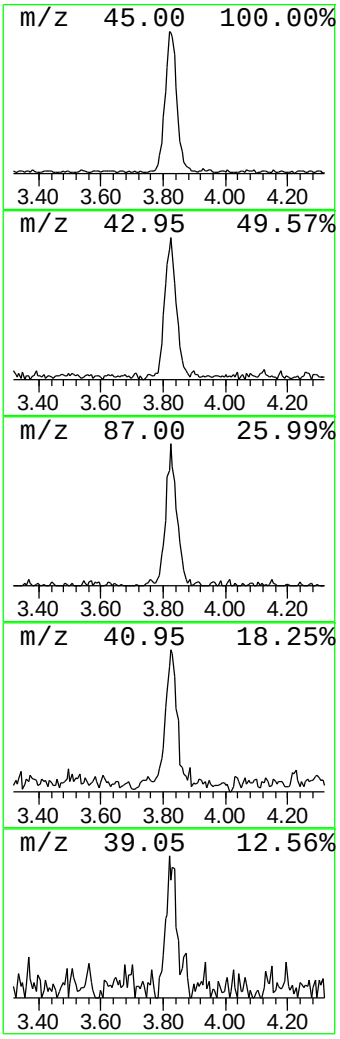
Peak Number 2 Diisopropyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	0.87 ug/L	113443	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	80
2	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	78
3	Diisopropyl ether	102	C6H14O	000108-20-3	72
4	Diisopropyl ether	102	C6H14O	000108-20-3	72
5	2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	53





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Sample : L4135-16
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG489

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

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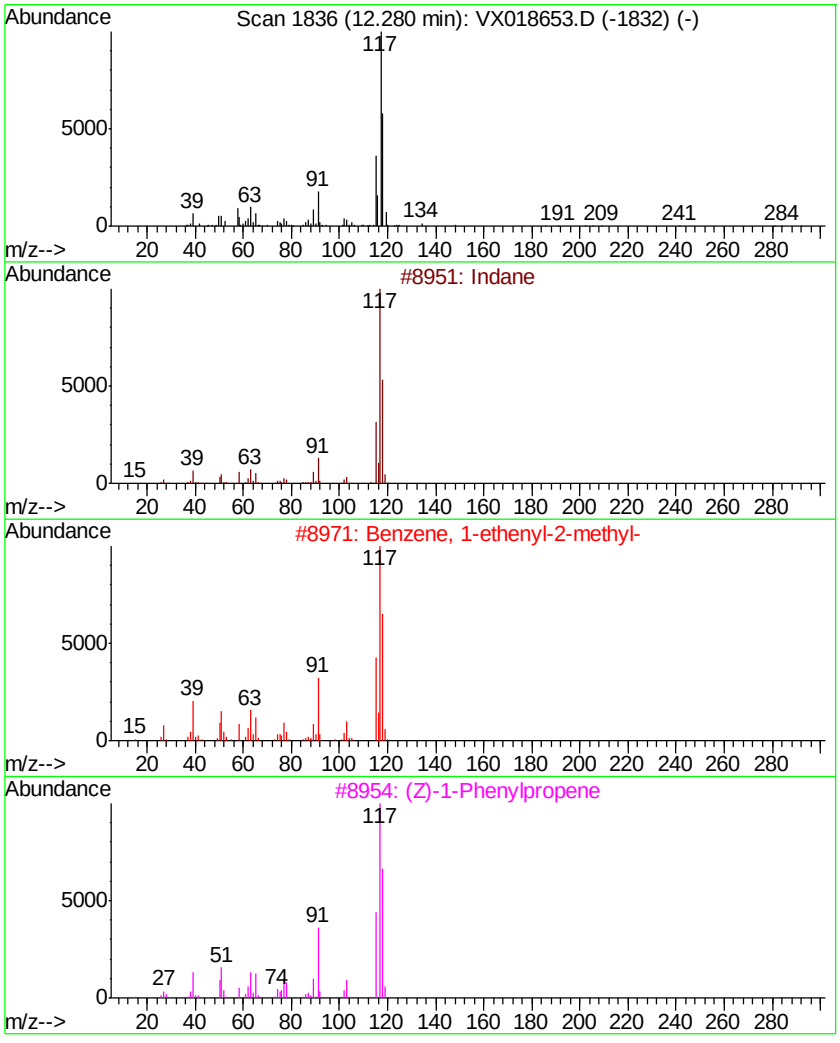
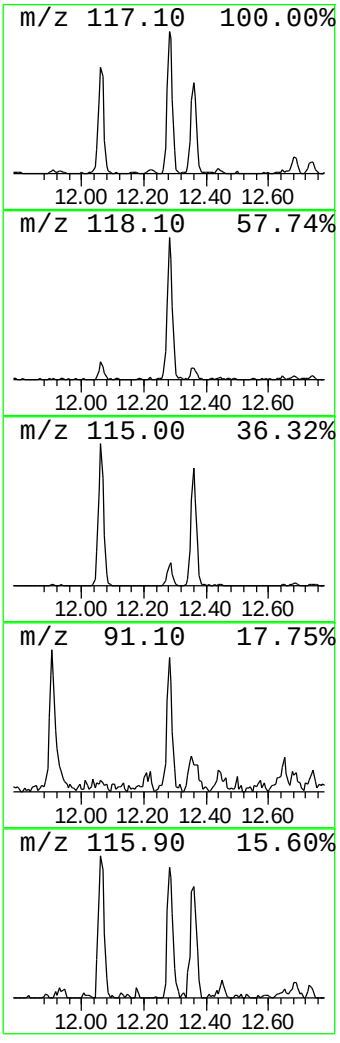
Peak Number 4 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	0.69 ug/L	124537	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	83
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	72
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72





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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG489

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0

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

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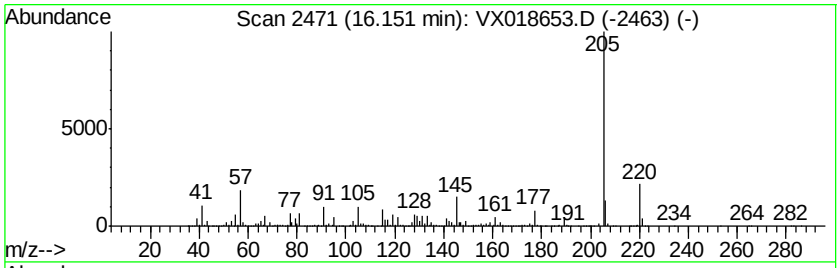
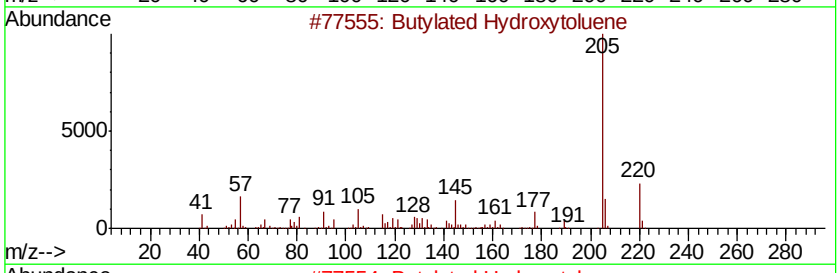
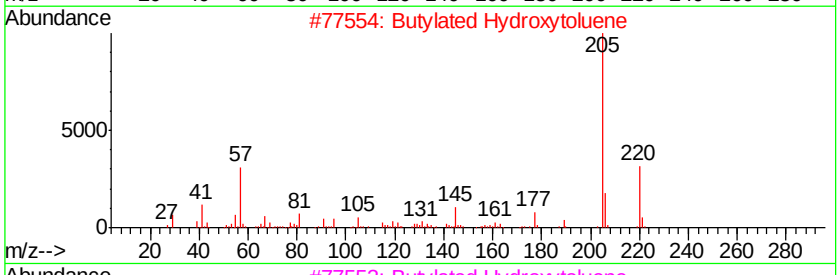
Peak Number 5 Butylated Hydroxytoluene Concentration Rank 1

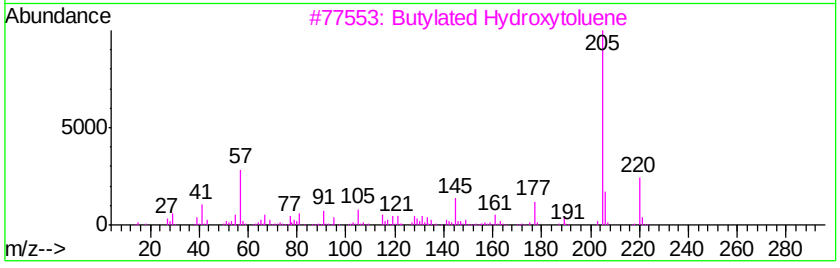
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	19.85 ug/L	3603610	1,4-Dichlorobenzene-d4	12.06

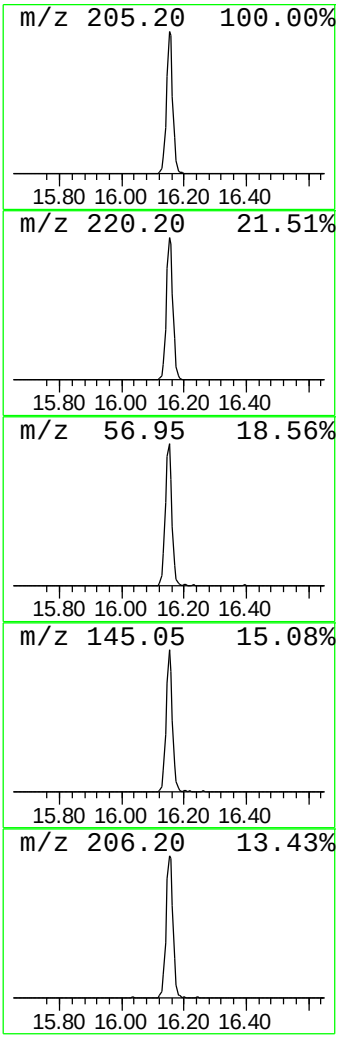
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
5	Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	87











Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SOM01.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethyl ether	2.17	0.9	ug/L	120976	1	6.83	653729	5.0
Diisopropyl ether	3.82	0.9	ug/L	113443	1	6.83	653729	5.0
Indane	12.28	0.7	ug/L	124537	3	12.06	907653	5.0
Butylated Hydroxy...	16.15	19.9	ug/L	3603610	3	12.06	907653	5.0