LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018701.D
Acq On : 30 Sep 2020 16:47
Operator : JC/SP
Sample : L4135-01DL2 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL2

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	55	rVB	82969	81330	7.59%	0.743%
2	1.697	96	100	108	rVB	72063	90378	8.44%	0.825%
3	2.166	172	177	183	rBV	47260	71537	6.68%	0.653%
4	2.343	200	206	215	rVB	152440	241249	22.52%	2.203%
5	2.831	281	286	296	rBV	17096	38583	3.60%	0.352%
6	3.818	437	448	460	rBV	204534	541592	50.57%	4.946%
7	4.367	532	538	546	rBV5	11933	34148	3.19%	0.312%
8	4.550	559	568	582	rBV2	67482	283119	26.43%	2.585%
9	4.654	582	585	587	rBV2	9642	11680	1.09%	0.107%
10	5.135	653	664	678	rBV2	114450	363593	33.95%	3.320%
11	6.038	800	812	818	rBV3	239706	715024	66.76%	6.529%
12	6.105	818	823	839	rVB	349081	921108	86.00%	8.411%
13	6.824	931	941	954	rBV	234291	579250	54.08%	5.289%
14	7.367	1020	1030	1039	rBV2	157616	352253	32.89%	3.217%
15	7.641	1070	1075	1080	rVB8	5421	10909	1.02%	0.100%
16	8.373	1189	1195	1204	rBV	96267	158282	14.78%	1.445%
17	8.696	1240	1248	1253	rBV	364141	567226	52.96%	5.180%
18	8.763	1253	1259	1268	rVB	433904	654759	61.13%	5.979%
19	8.994	1291	1297	1306	rVB2	66258	106608	9.95%	0.973%
20	9.427	1360	1368	1384	rBV	511884	757252	70.70%	6.915%
21	9.738	1414	1419	1426	rVB	27999	41744	3.90%	0.381%
22	10.098	1472	1478	1479	rBV	521906	681499	63.63%	6.223%
23	10.122	1479	1482	1490	rVB	792416	1071077	100.00%	9.781%
24	10.238	1496	1501	1505	rBV	31489	43284	4.04%	0.395%
25	10.342	1513	1518	1524	rBV	21207	32247	3.01%	0.294%
26	10.683	1569	1574	1583	rVB	33565	59388	5.54%	0.542%
27	11.000	1618	1626	1632	rBV	52580	77781	7.26%	0.710%
28	11.232	1655	1664	1670	rBV	172497	225980	21.10%	2.064%
29	11.342	1677	1682	1688	rBV	50392	73955	6.90%	0.675%
30	11.403	1689	1692	1696	rVV	12941	18574	1.73%	0.170%
31	11.445	1696	1699	1704	rVV3	27895	37903	3.54%	0.346%
32	11.652	1724	1733	1738	rBV	49532	72355	6.76%	0.661%
33	11.793	1753	1756	1764	rVB7	7733	10716	1.00%	0.098%
34	11.927	1775	1778	1783	rVV5	17915	25995	2.43%	0.237%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018701.D
Acq On : 30 Sep 2020 16:47
Operator : JC/SP
Sample : L4135-01DL2 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL2

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

35	12.012	1787	1792	1795	rBV4	10569	18030	1.68%	0.165%
36	12.061	1795	1800	1807	rVV	531104	704066	65.73%	6.429%
37	12.122	1807	1810	1814	rVB3	26890	36008	3.36%	0.329%
38	12.219	1822	1826	1831	rBV2	11990	15634	1.46%	0.143%
39	12.280	1831	1836	1843	rVV	66113	92452	8.63%	0.844%
40	12.360	1843	1849	1857	rVB	457416	594481	55.50%	5.428%
41	12.652	1893	1897	1903	rBV3	11339	14424	1.35%	0.132%
42	12.872	1928	1933	1942	rBV	120011	190032	17.74%	1.735%
43	13.158	1975	1980	1984	rVV8	8175	15318	1.43%	0.140%
44	13.329	2004	2008	2014	rVB7	10961	16860	1.57%	0.154%
45	13.463	2021	2030	2039	rBV7	7719	17325	1.62%	0.158%
46	13.725	2068	2073	2079	rVB7	16517	24516	2.29%	0.224%
47	14.493	2195	2199	2202	rBV6	9031	13124	1.23%	0.120%
48	16.152	2464	2471	2481	rBV2	76781	146488	13.68%	1.338%

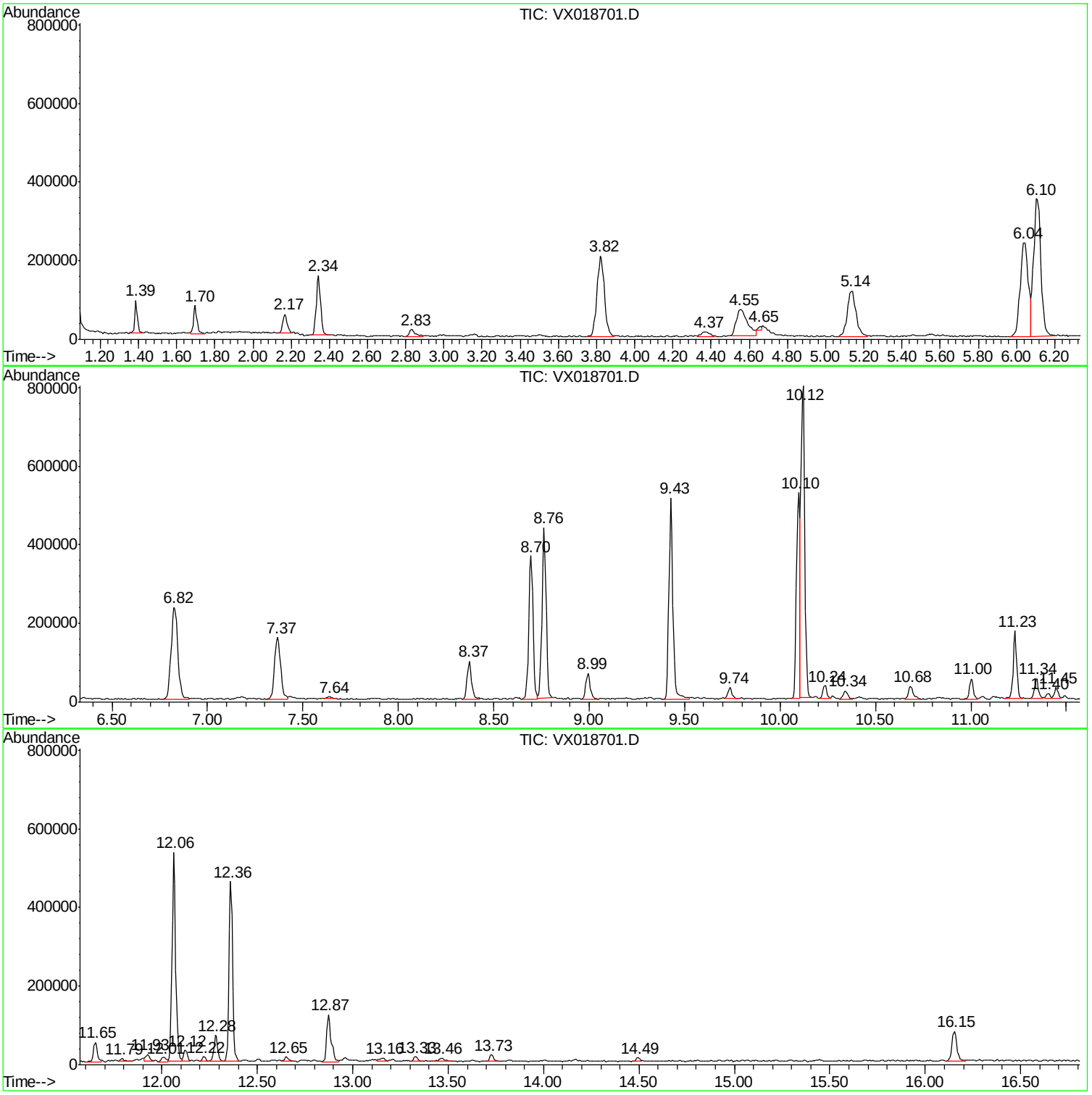
Sum of corrected areas: 10951136

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018701.D
Acq On : 30 Sep 2020 16:47
Operator : JC/SP
Sample : L4135-01DL2 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL2

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018701.D
Acq On : 30 Sep 2020 16:47
Operator : JC/SP
Sample : L4135-01DL2 100X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL2

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

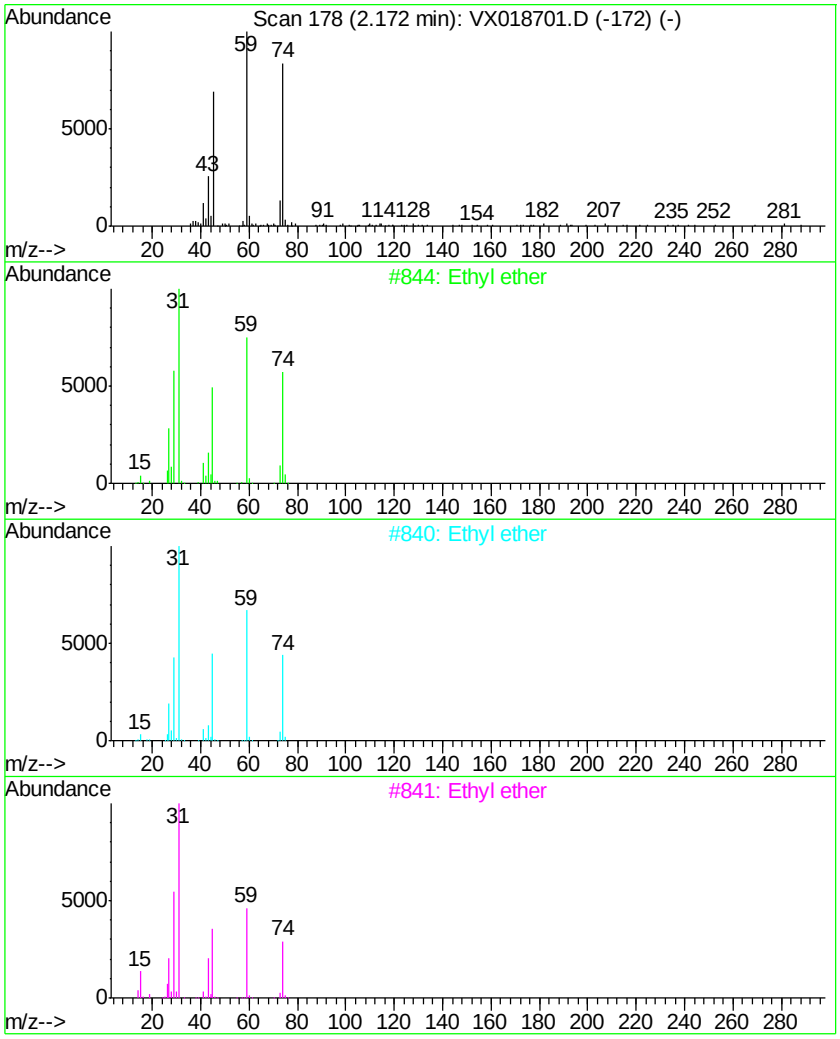
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

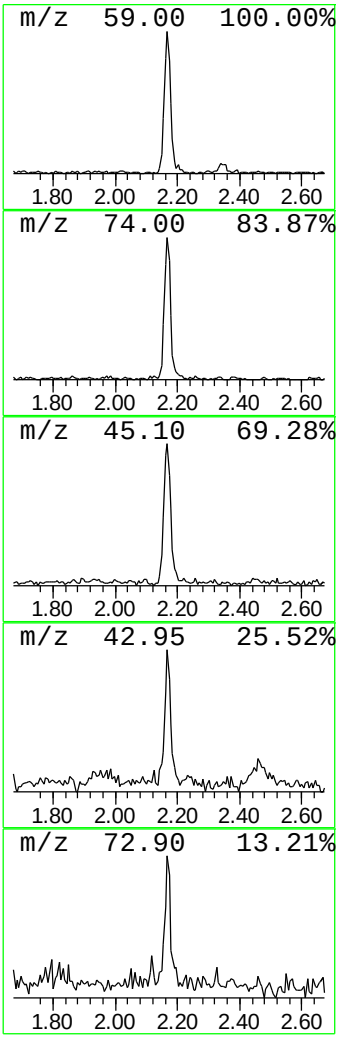
****

Peak Number 1 Ethyl ether Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	0.62 ug/L	71537	1,4-Difluorobenzene	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	91
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	90
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	64
5	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018701.D
Acq On : 30 Sep 2020 16:47
Operator : JC/SP
Sample : L4135-01DL2 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL2

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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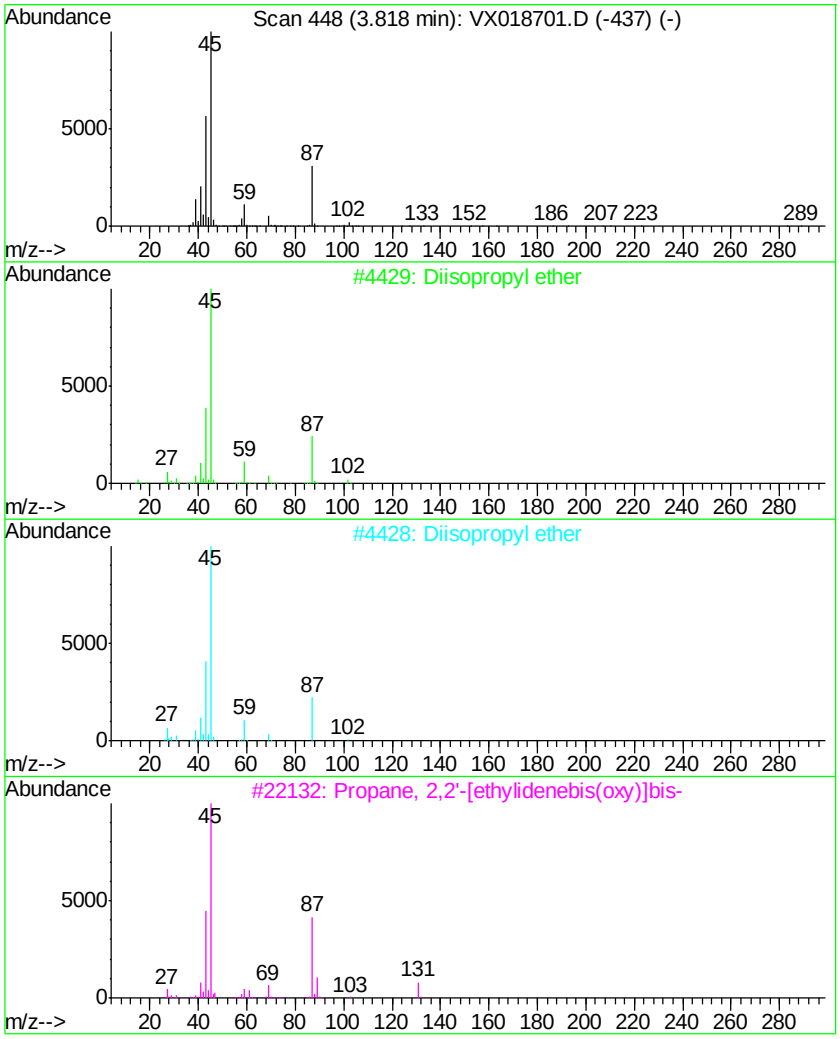
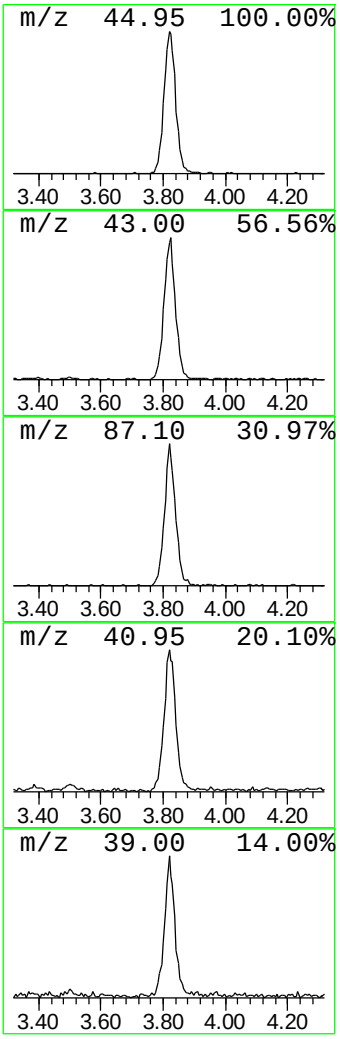
Peak Number 2 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	4.67 ug/L	541592	1,4-Difluorobenzene	6.82

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	64
3	Propane, 2,2'-[ethylidenebis(oxy...	146	C8H18O2	004285-59-0	56
4	Diisopropyl ether	102	C6H14O	000108-20-3	56
5	Acetoin	88	C4H8O2	000513-86-0	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018701.D
Acq On : 30 Sep 2020 16:47
Operator : JC/SP
Sample : L4135-01DL2 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL2

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

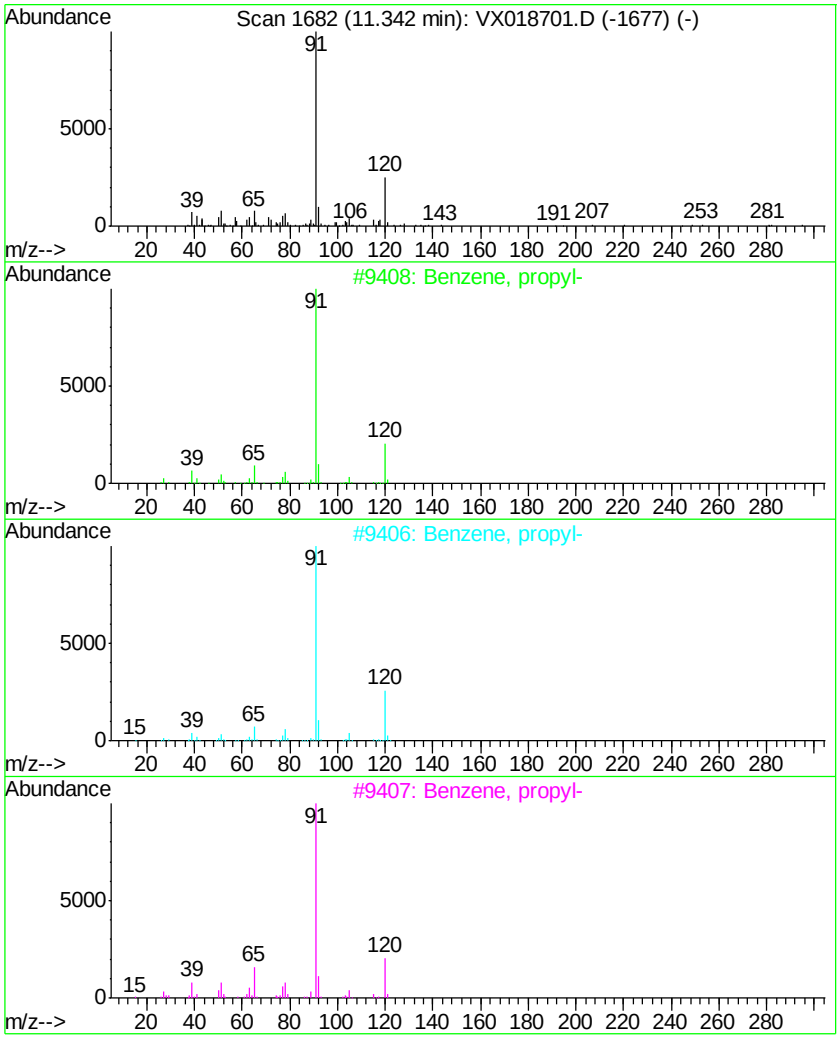
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

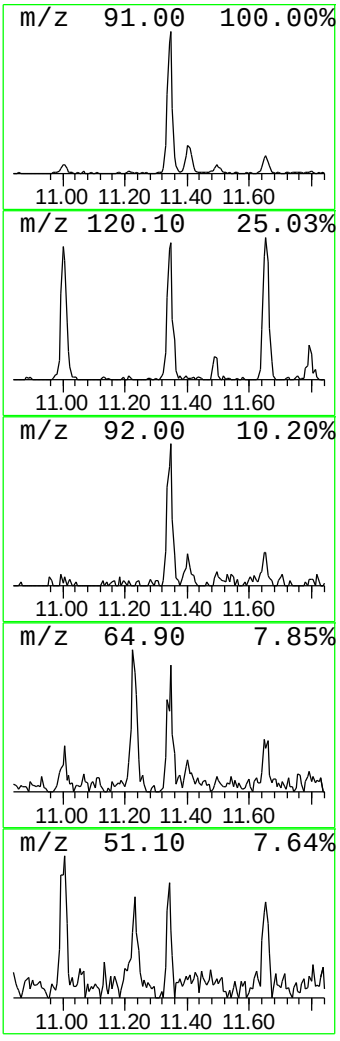
****

Peak Number 5 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.53 ug/L	73955	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	64
2	Benzene, propyl-	120	C9H12	000103-65-1	52
3	Benzene, propyl-	120	C9H12	000103-65-1	52
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	50
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018701.D
Acq On : 30 Sep 2020 16:47
Operator : JC/SP
Sample : L4135-01DL2 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL2

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

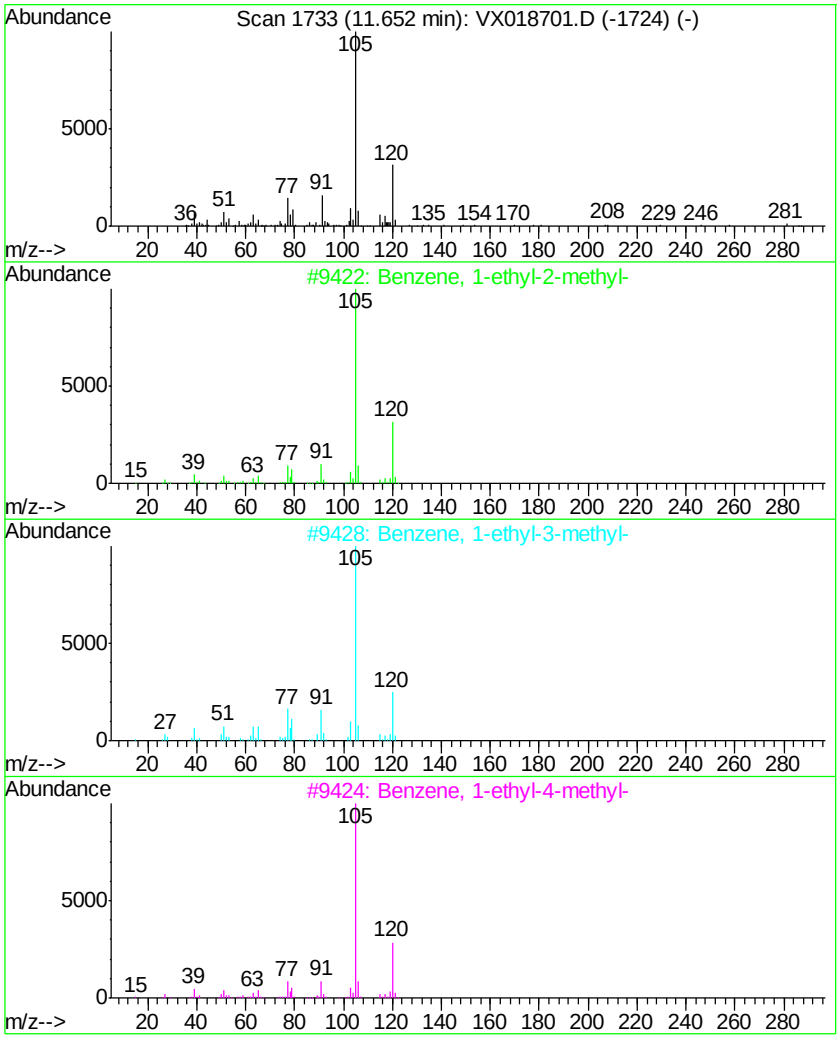
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

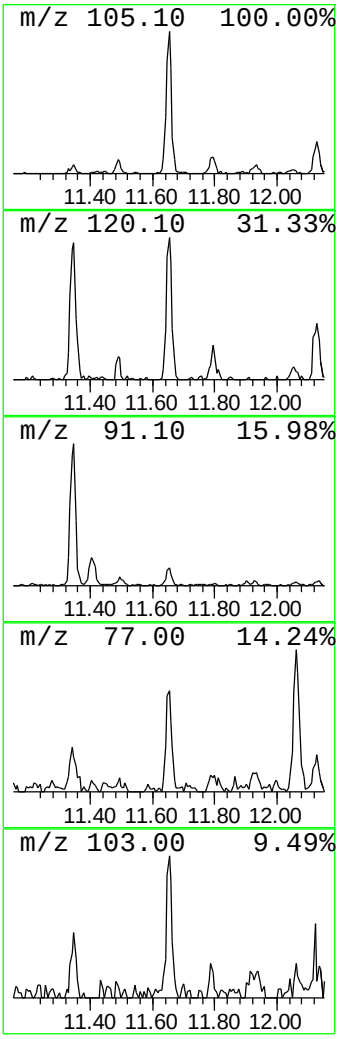
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	0.51 ug/L	72355	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018701.D
Acq On : 30 Sep 2020 16:47
Operator : JC/SP
Sample : L4135-01DL2 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL2

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

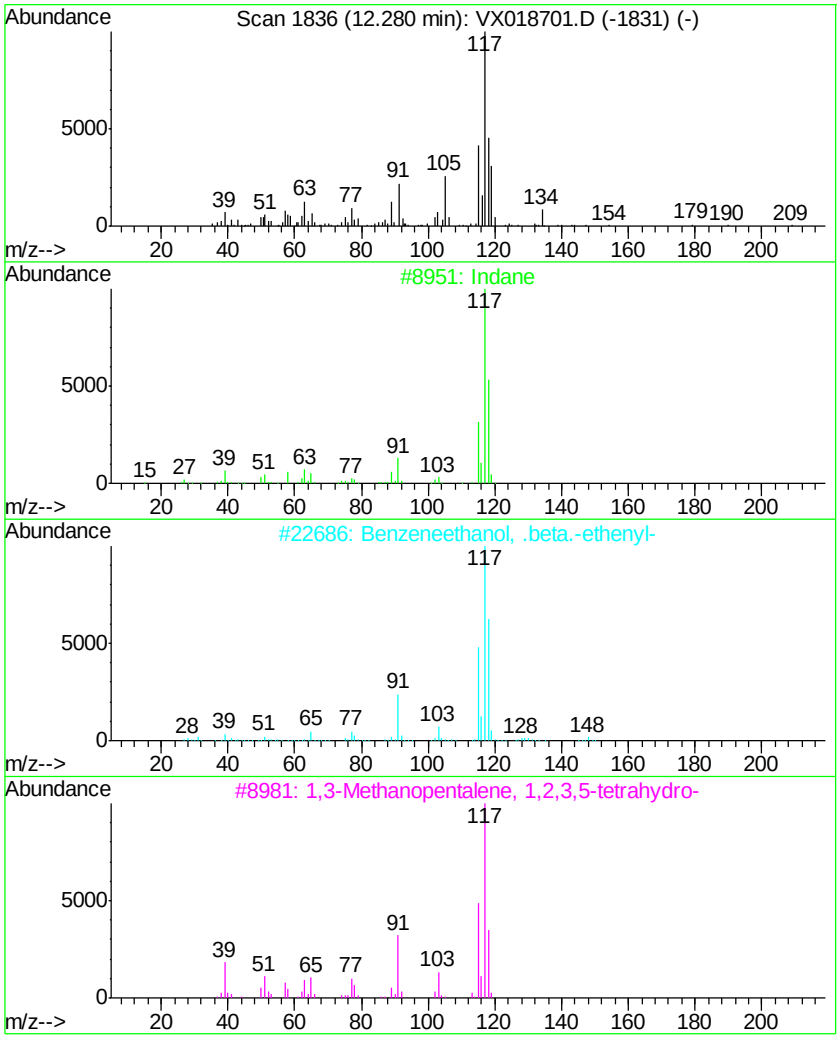
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

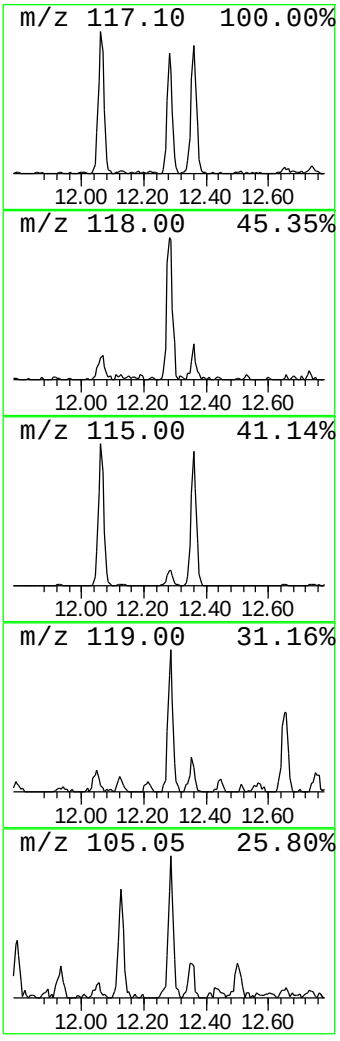
****

Peak Number 7 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	0.66 ug/L	92452	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	60
2	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	59
3	1,3-Methanopentalene, 1,2,3,5-te...	118	C9H10	128600-88-4	49
4	Deltacyclene	118	C9H10	007785-10-6	47
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018701.D
Acq On : 30 Sep 2020 16:47
Operator : JC/SP
Sample : L4135-01DL2 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL2

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

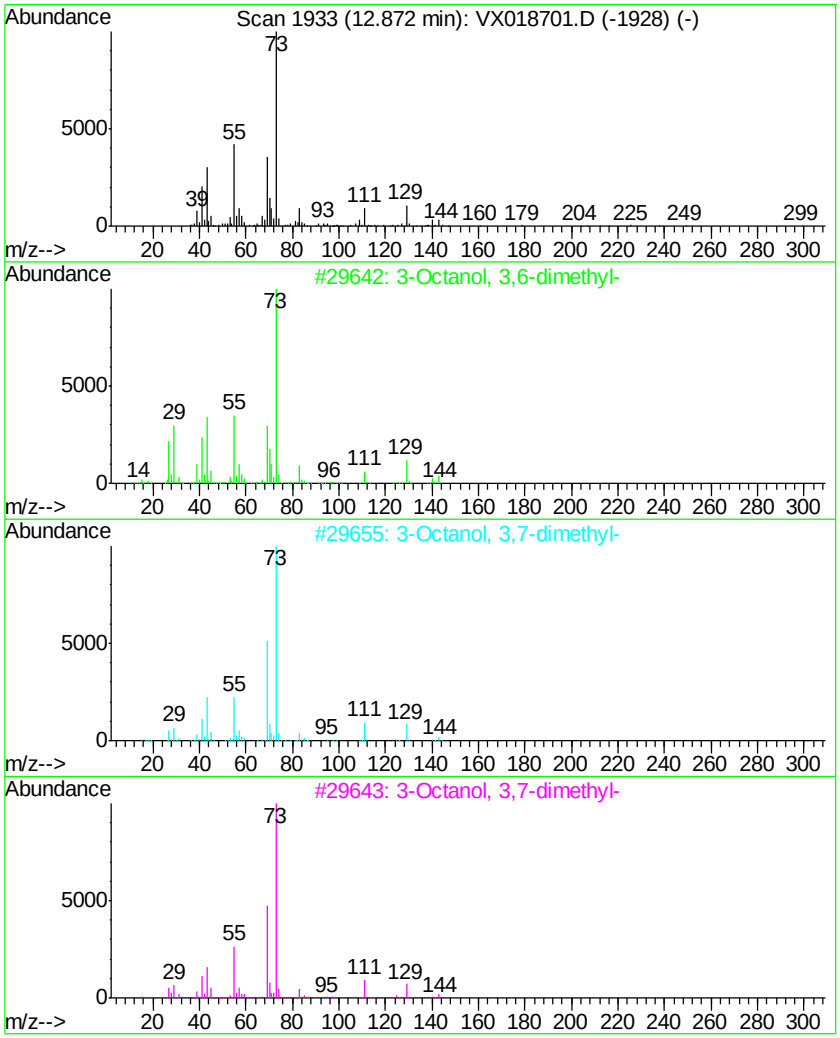
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

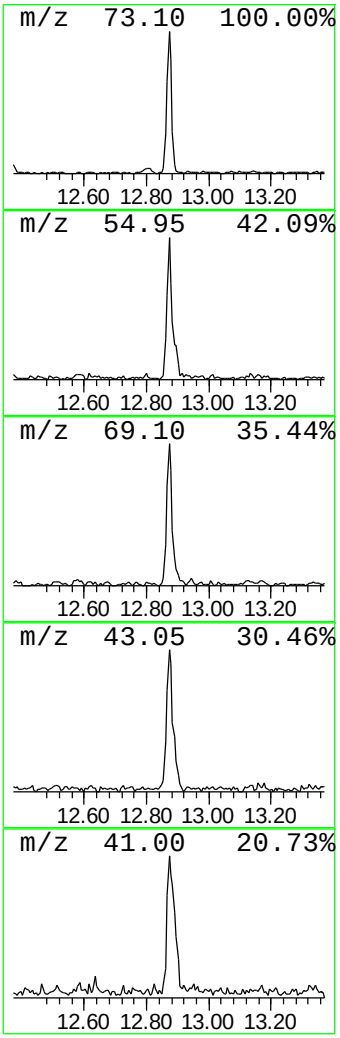
****

Peak Number 8 3-Octanol, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	1.35 ug/L	190032	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	86
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	45
3	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	43
4	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	38
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018701.D
Acq On : 30 Sep 2020 16:47
Operator : JC/SP
Sample : L4135-01DL2 100X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL2

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

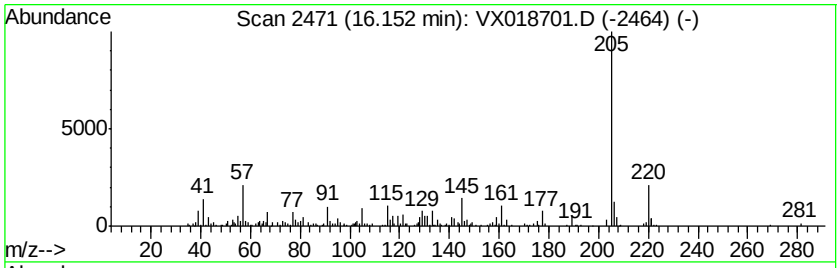
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

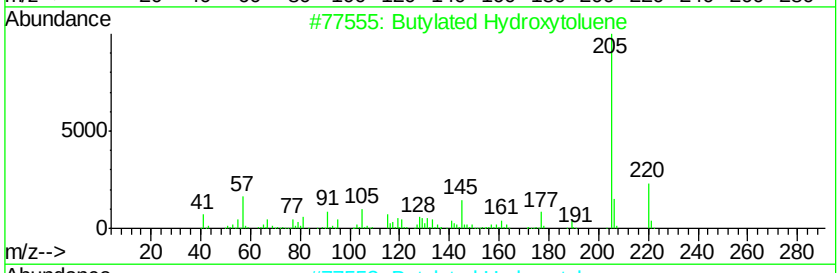
****

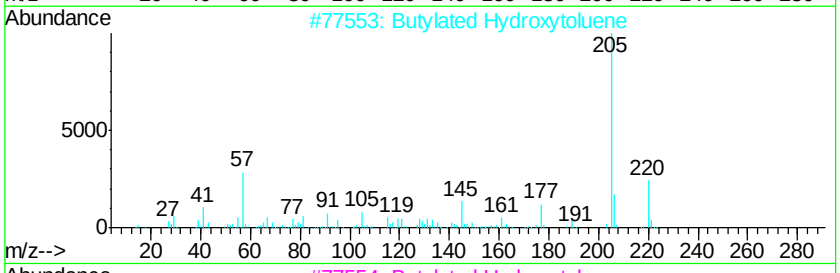
Peak Number 9 Butylated Hydroxytoluene Concentration Rank 4

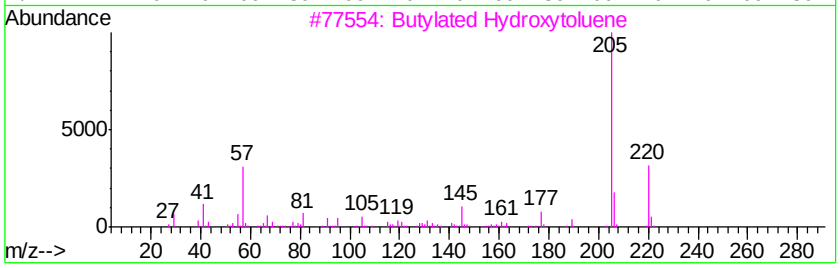
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	1.04 ug/L	146488	1,4-Dichlorobenzene-d4	12.06

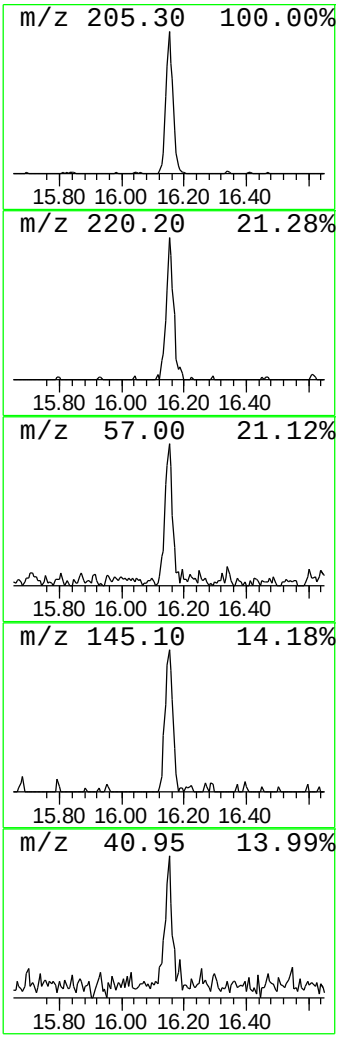
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	90
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	81
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	81
5	Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	74











Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX093020\
Data File : VX018701.D
Acq On : 30 Sep 2020 16:47
Operator : JC/SP
Sample : L4135-01DL2 100X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL2

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethyl ether	2.17	0.6	ug/L	71537	1	6.82	579250	5.0
Diisopropyl ether	3.82	4.7	ug/L	541592	1	6.82	579250	5.0
Benzene, propyl-	11.34	0.5	ug/L	73955	3	12.06	704066	5.0
Benzene, 1-ethyl-...	11.65	0.5	ug/L	72355	3	12.06	704066	5.0
Indane	12.28	0.7	ug/L	92452	3	12.06	704066	5.0
3-Octanol, 3,6-di...	12.87	1.4	ug/L	190032	3	12.06	704066	5.0
Butylated Hydroxy...	16.15	1.0	ug/L	146488	3	12.06	704066	5.0