LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018683.D
Acq On : 30 Sep 2020 02:20
Operator : JC/SP
Sample : L4135-01DL 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

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	1.385	46	49	58	rVB	84600	86052	7.54%	0.794%
2	1.696	94	100	105	rBV	77746	92439	8.10%	0.853%
3	2.166	173	177	182	rBV	52477	69821	6.12%	0.644%
4	2.343	200	206	217	rVB	165882	252456	22.13%	2.330%
5	2.836	281	287	296	rBV7	12508	29252	2.56%	0.270%
6	2.989	308	312	319	rBV3	6020	14182	1.24%	0.131%
7	3.824	438	449	462	rBV	217031	578445	50.70%	5.338%
8	4.373	533	539	547	rBV7	11934	31541	2.76%	0.291%
9	4.556	559	569	579	rBV	65091	241535	21.17%	2.229%
10	4.678	583	589	602	rVB2	32452	127159	11.14%	1.174%
11	5.141	652	665	681	rBV	110982	361266	31.66%	3.334%
12	6.049	800	814	818	rBV3	235609	677216	59.35%	6.250%
13	6.110	818	824	837	rVB	365576	983670	86.21%	9.078%
14	6.830	932	942	952	rBV2	231225	553640	48.52%	5.109%
15	7.366	1022	1030	1038	rBV	151431	336502	29.49%	3.105%
16	7.634	1069	1074	1080	rVB9	7113	13918	1.22%	0.128%
17	8.372	1189	1195	1203	rVB	84159	142978	12.53%	1.319%
18	8.695	1240	1248	1254	rBV	355896	563066	49.35%	5.196%
19	8.762	1254	1259	1271	rVB	433930	686226	60.14%	6.333%
20	8.994	1291	1297	1304	rBV	62222	92999	8.15%	0.858%
21	9.427	1359	1368	1383	rBV	452475	692484	60.69%	6.391%
22	9.738	1412	1419	1432	rVB	39902	68198	5.98%	0.629%
23	10.097	1472	1478	1479	rBV	528581	634890	55.64%	5.859%
24	10.122	1479	1482	1490	rVB	855368	1140983	100.00%	10.530%
25	10.238	1497	1501	1505	rBV	31279	39865	3.49%	0.368%
26	10.341	1511	1518	1522	rVB2	17764	28560	2.50%	0.264%
27	10.683	1568	1574	1582	rBV2	32159	52943	4.64%	0.489%
28	11.006	1622	1627	1633	rBV	45778	67696	5.93%	0.625%
29	11.231	1655	1664	1669	rBV	155157	207569	18.19%	1.916%
30	11.347	1677	1683	1688	rBV	51047	79069	6.93%	0.730%
31	11.408	1688	1693	1695	rVV2	15542	21388	1.87%	0.197%
32	11.445	1695	1699	1704	rVV4	28517	40345	3.54%	0.372%
33	11.652	1729	1733	1742	rVB2	49045	72989	6.40%	0.674%
34	11.926	1774	1778	1786	rVB9	17803	30106	2.64%	0.278%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018683.D
Acq On : 30 Sep 2020 02:20
Operator : JC/SP
Sample : L4135-01DL 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

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	1786	1792	1795	rBV6	8979	11858	1.04%	0.109%
36	12.060	1795	1800	1807	rVV	503156	678851	59.50%	6.265%
37	12.121	1807	1810	1816	rVB2	28702	38853	3.41%	0.359%
38	12.219	1823	1826	1830	rBV2	10739	13249	1.16%	0.122%
39	12.286	1832	1837	1843	rVB	72303	94046	8.24%	0.868%
40	12.359	1844	1849	1857	rVB	421303	557349	48.85%	5.144%
41	12.652	1894	1897	1900	rBV	12075	11724	1.03%	0.108%
42	12.871	1929	1933	1943	rBV	118273	155491	13.63%	1.435%
43	13.328	2002	2008	2015	rBV7	11185	18537	1.62%	0.171%
44	16.151	2463	2471	2478	rBV2	82449	144458	12.66%	1.333%

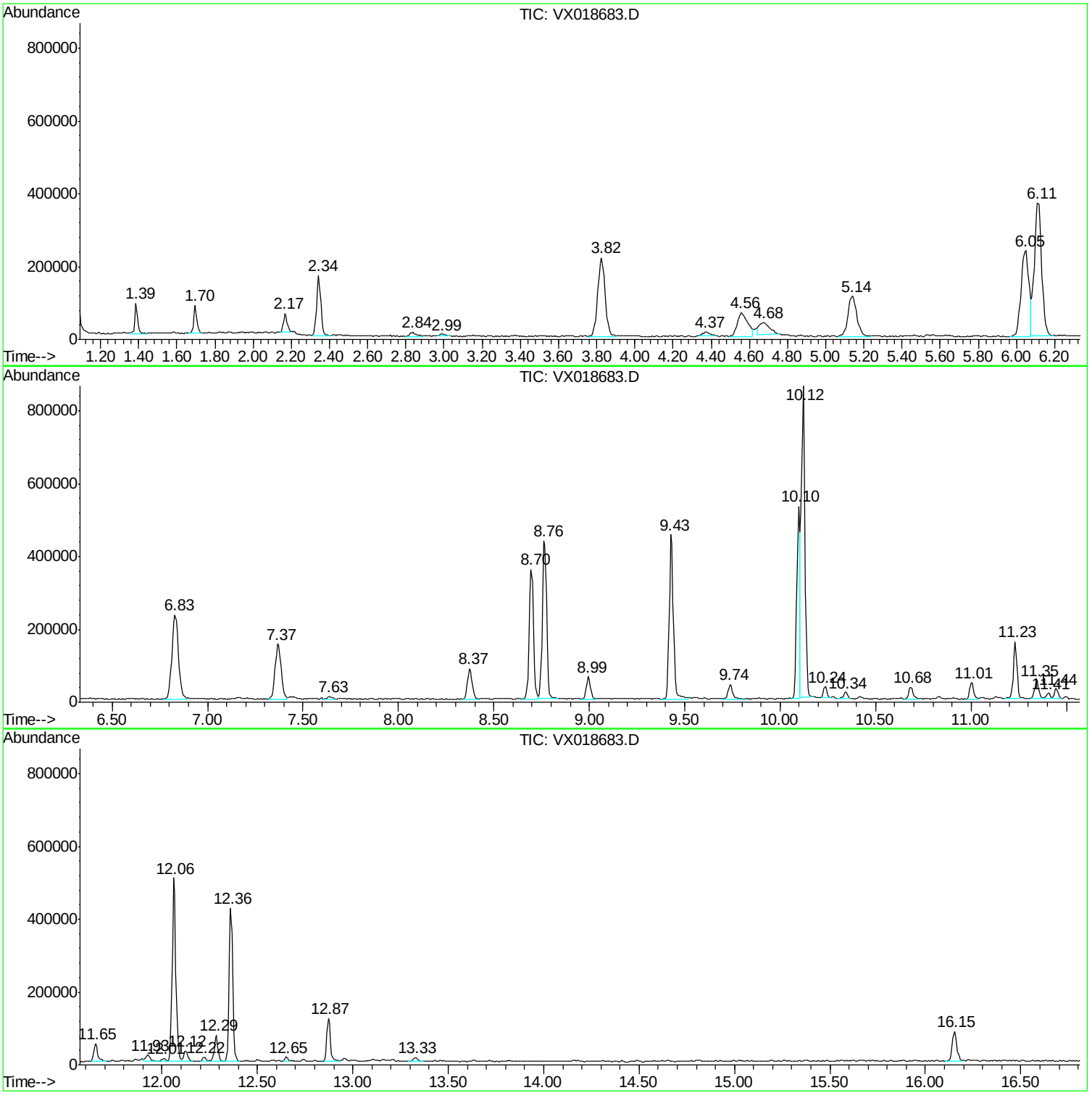
Sum of corrected areas: 10835864

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018683.D
Acq On : 30 Sep 2020 02:20
Operator : JC/SP
Sample : L4135-01DL 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG0Q5DL

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018683.D
Acq On : 30 Sep 2020 02:20
Operator : JC/SP
Sample : L4135-01DL 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

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

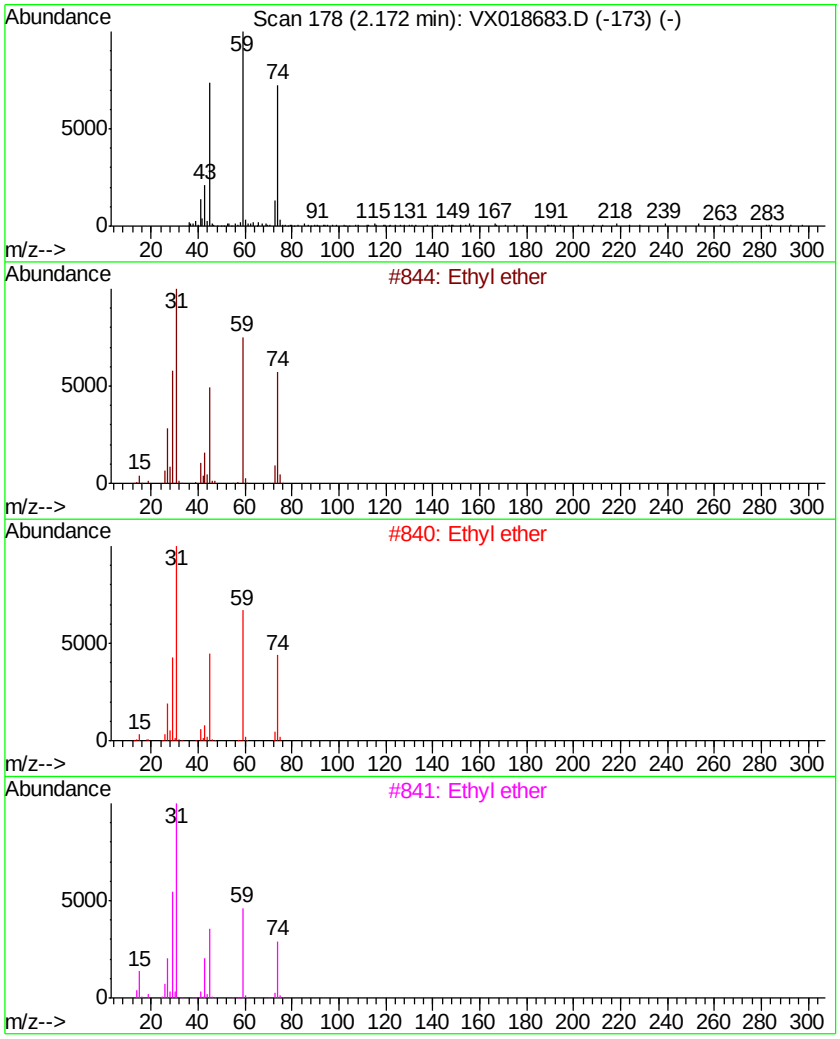
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

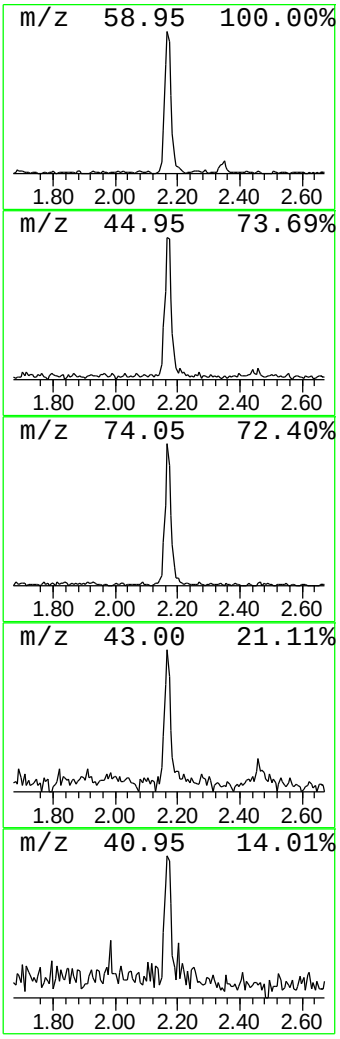
****

Peak Number 1 Ethyl ether Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	0.63 ug/L	69821	1,4-Difluorobenzene	6.83

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	83
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	72
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018683.D
Acq On : 30 Sep 2020 02:20
Operator : JC/SP
Sample : L4135-01DL 100X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

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

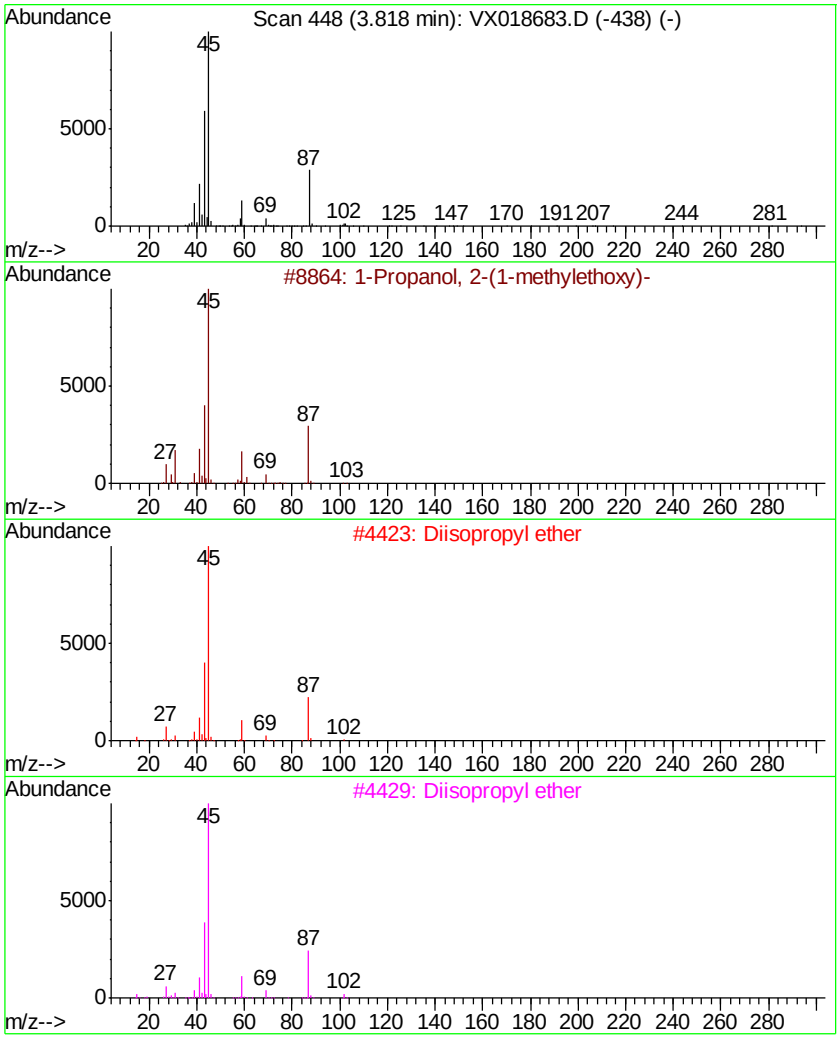
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

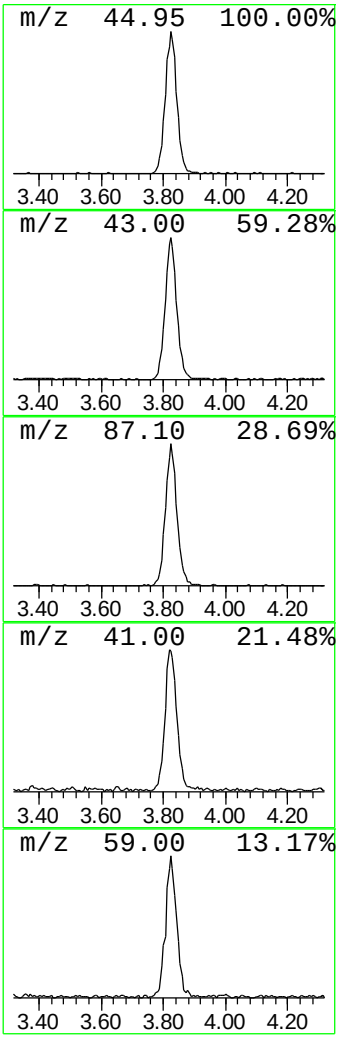
****

Peak Number 2 1-Propanol, 2-(1-methyletho... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	5.22 ug/L	578445	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	78
2	Diisopropyl ether	102	C6H14O	000108-20-3	78
3	Diisopropyl ether	102	C6H14O	000108-20-3	72
4	Diisopropyl ether	102	C6H14O	000108-20-3	64
5	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018683.D
Acq On : 30 Sep 2020 02:20
Operator : JC/SP
Sample : L4135-01DL 100X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

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

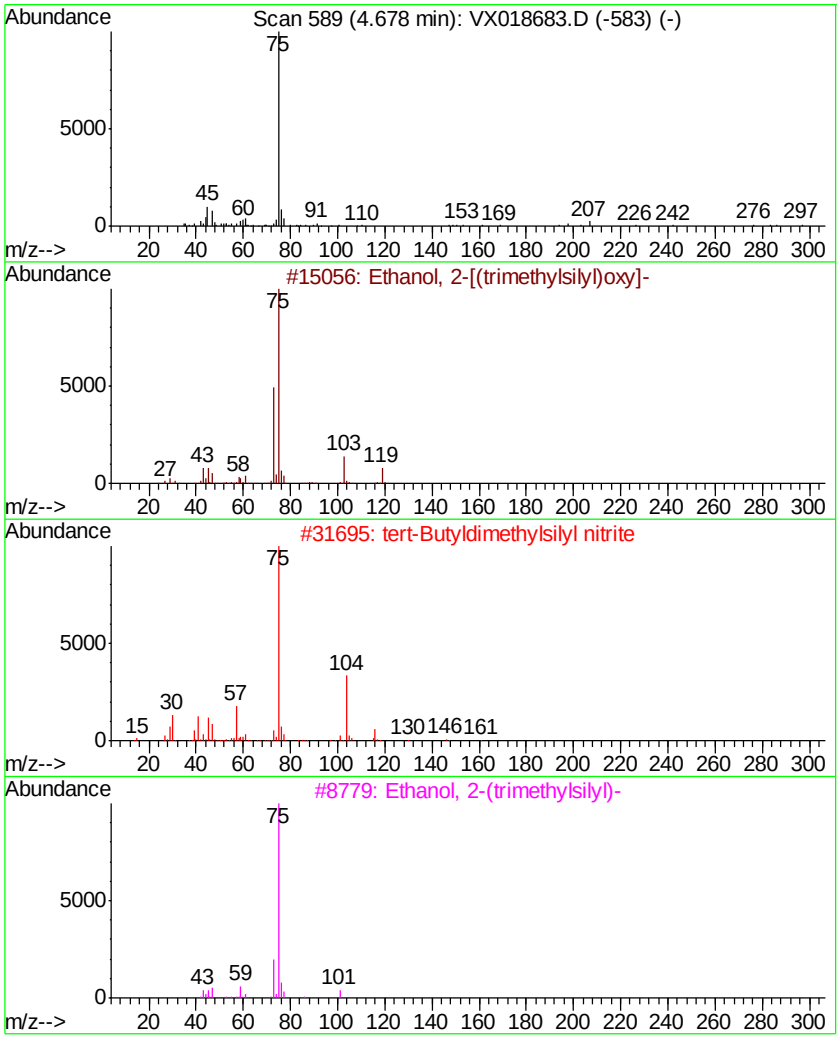
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

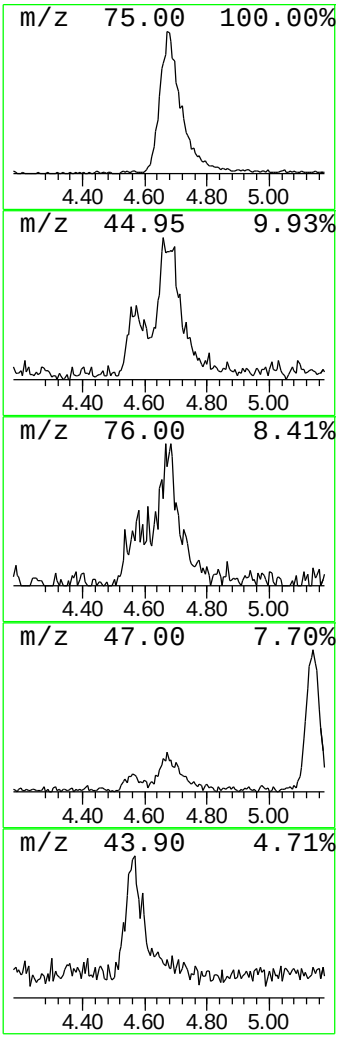
****

Peak Number 3 Ethanol, 2-[(trimethylsilyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	1.15 ug/L	127159	1,4-Difluorobenzene	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[(trimethylsilyl)oxy]-	134	C5H14O2Si	004403-13-8	78
2	tert-Butyldimethylsilyl nitrite	161	C6H15NO2Si	1000366-61-8	64
3	Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	64
4	Silanol, dimethyl(1,1,2-trimethy...	160	C8H20OSi	055644-10-5	64
5	Silanol, trimethyl-, acetate	132	C5H12O2Si	002754-27-0	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018683.D
Acq On : 30 Sep 2020 02:20
Operator : JC/SP
Sample : L4135-01DL 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

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

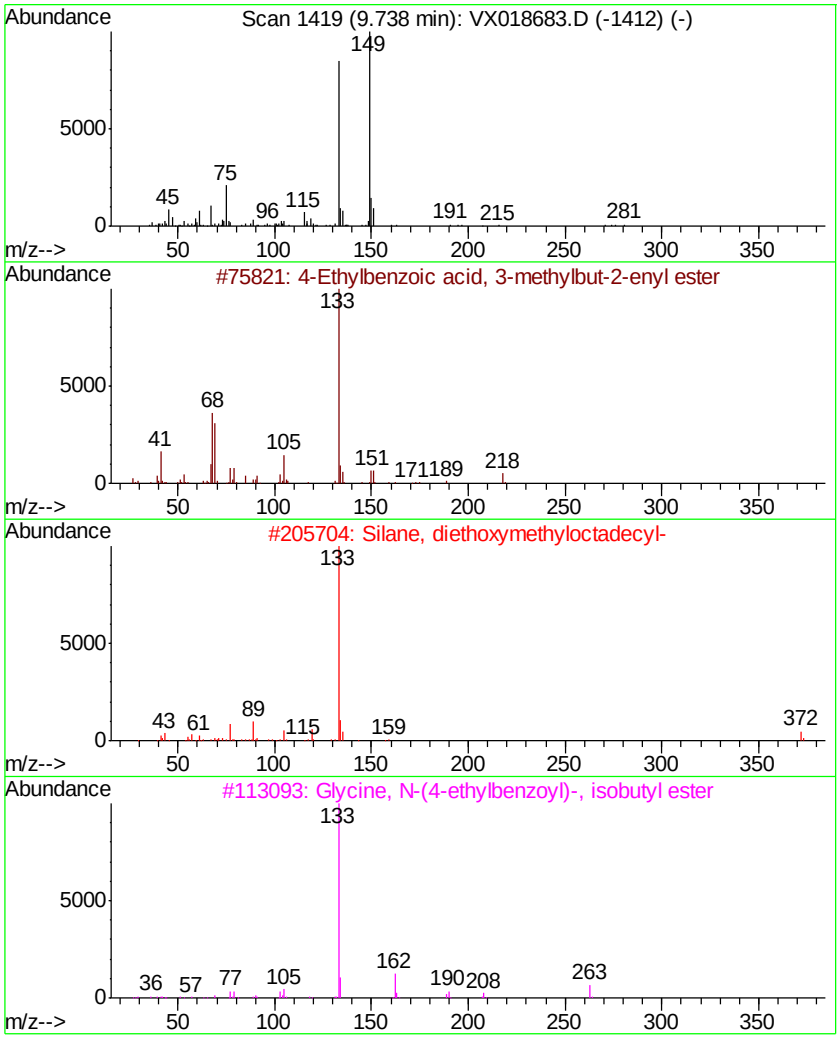
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

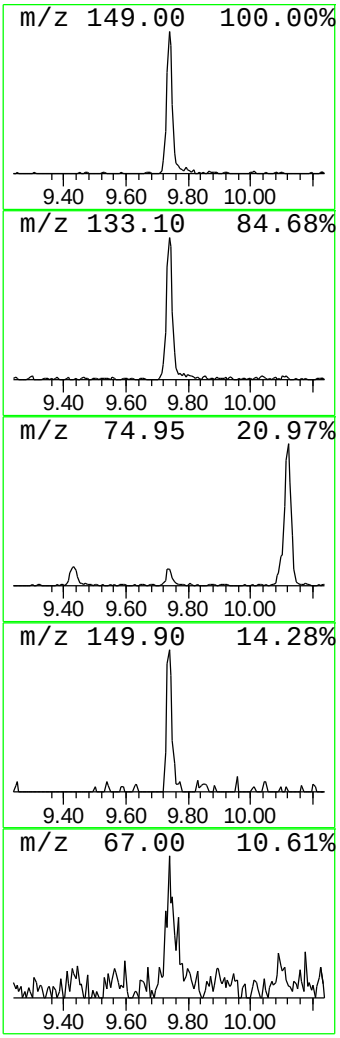
****

Peak Number 5 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	0.54 ug/L	68198	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbenzoic acid, 3-methylbut...	218	C14H18O2	1000292-54-1	35
2	Silane, diethoxymethyloctadecyl-	386	C23H50O2Si	067859-75-0	35
3	Glycine, N-(4-ethylbenzoyl)-, is...	263	C15H21NO3	1000314-51-4	27
4	Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	27
5	Benzamide, N-(3-nitrophenyl)-4-e...	270	C15H14N2O3	1000307-01-9	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018683.D
Acq On : 30 Sep 2020 02:20
Operator : JC/SP
Sample : L4135-01DL 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

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

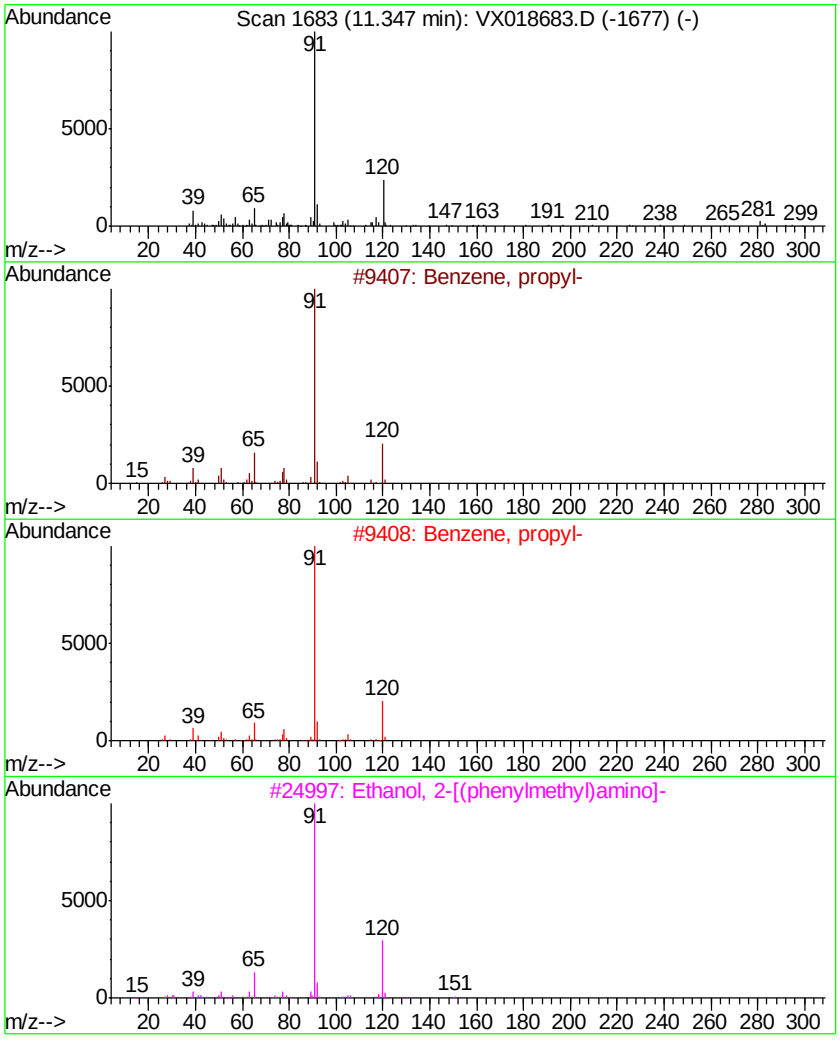
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

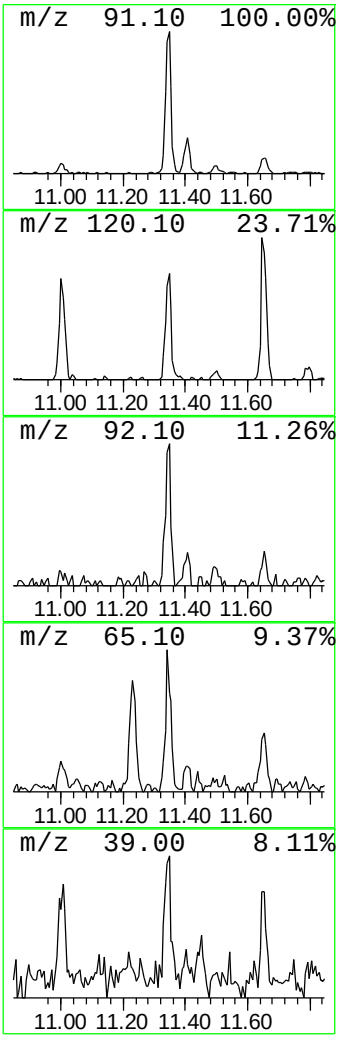
****

Peak Number 6 Benzene, propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	0.58 ug/L	79069	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	76
3	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	Benzene, propyl-	120	C9H12	000103-65-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018683.D
Acq On : 30 Sep 2020 02:20
Operator : JC/SP
Sample : L4135-01DL 100X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

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

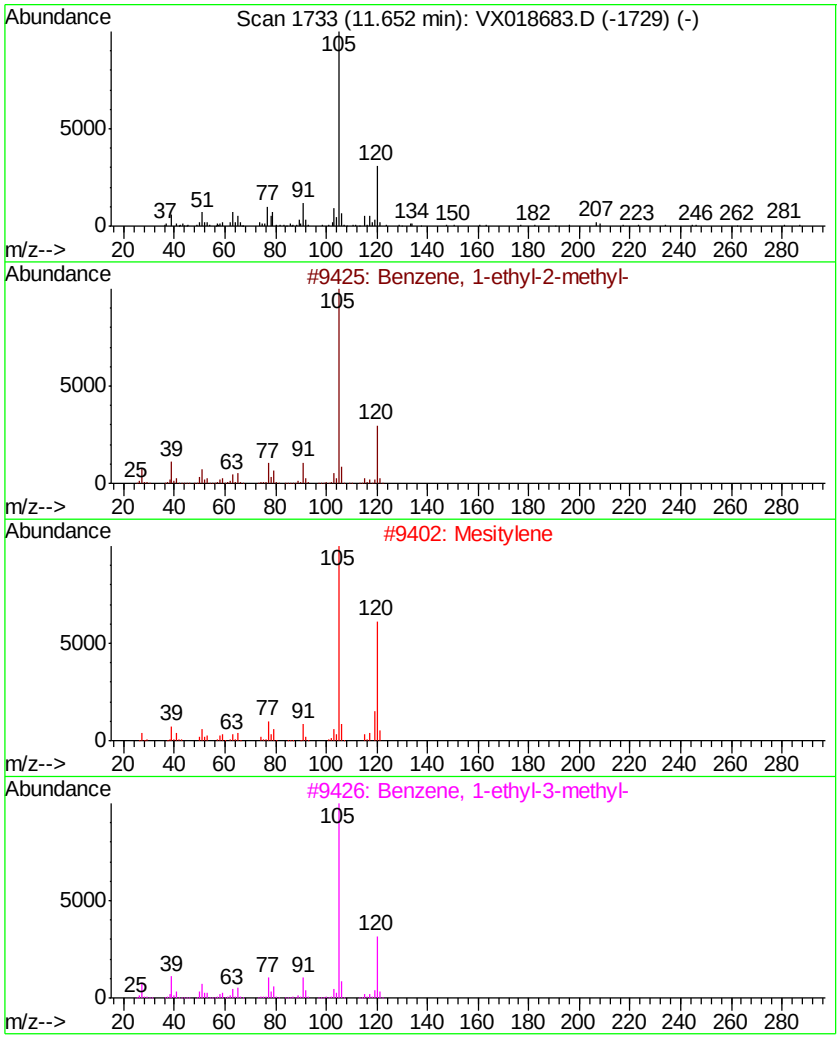
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

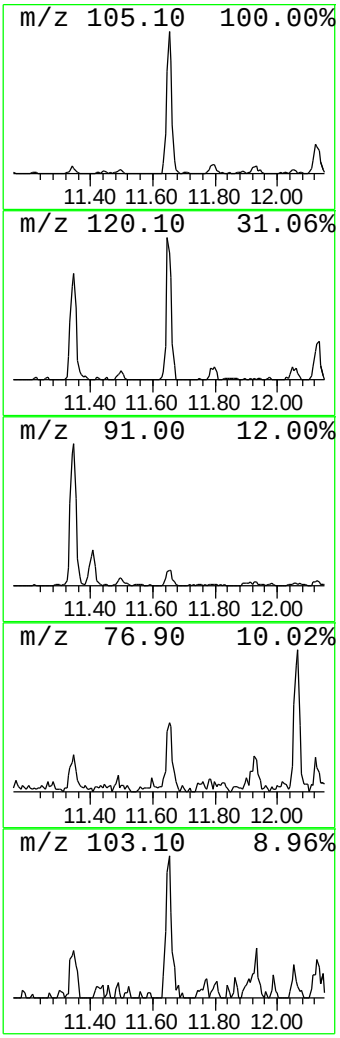
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	0.54 ug/L	72989	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
2	Mesitylene	120	C9H12	000108-67-8	87
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018683.D
Acq On : 30 Sep 2020 02:20
Operator : JC/SP
Sample : L4135-01DL 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

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

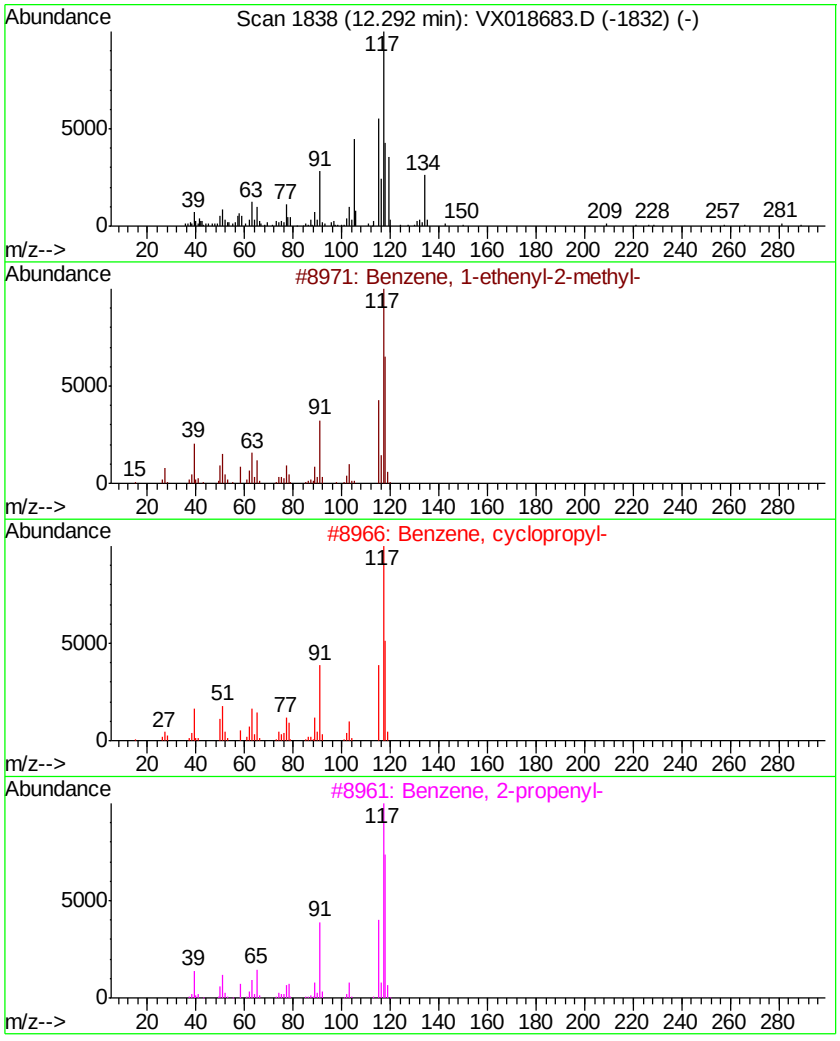
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

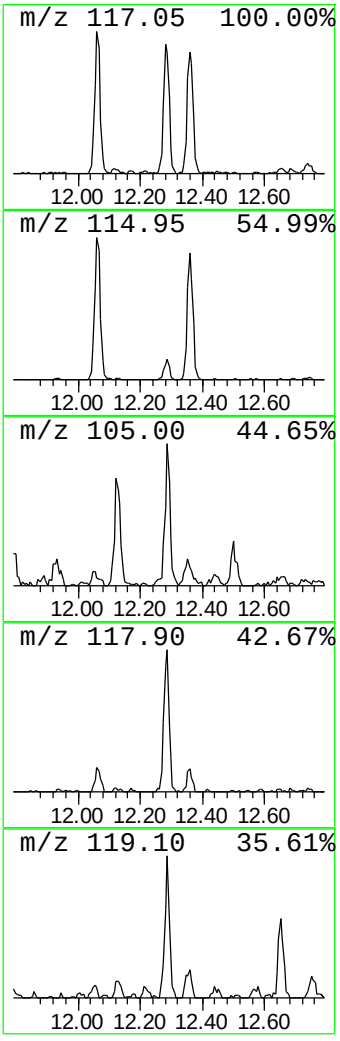
****

Peak Number 8 Benzene, 1-ethenyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	0.69 ug/L	94046	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	90
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
4	Indane	118	C9H10	000496-11-7	87
5	Indane	118	C9H10	000496-11-7	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018683.D
Acq On : 30 Sep 2020 02:20
Operator : JC/SP
Sample : L4135-01DL 100X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

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

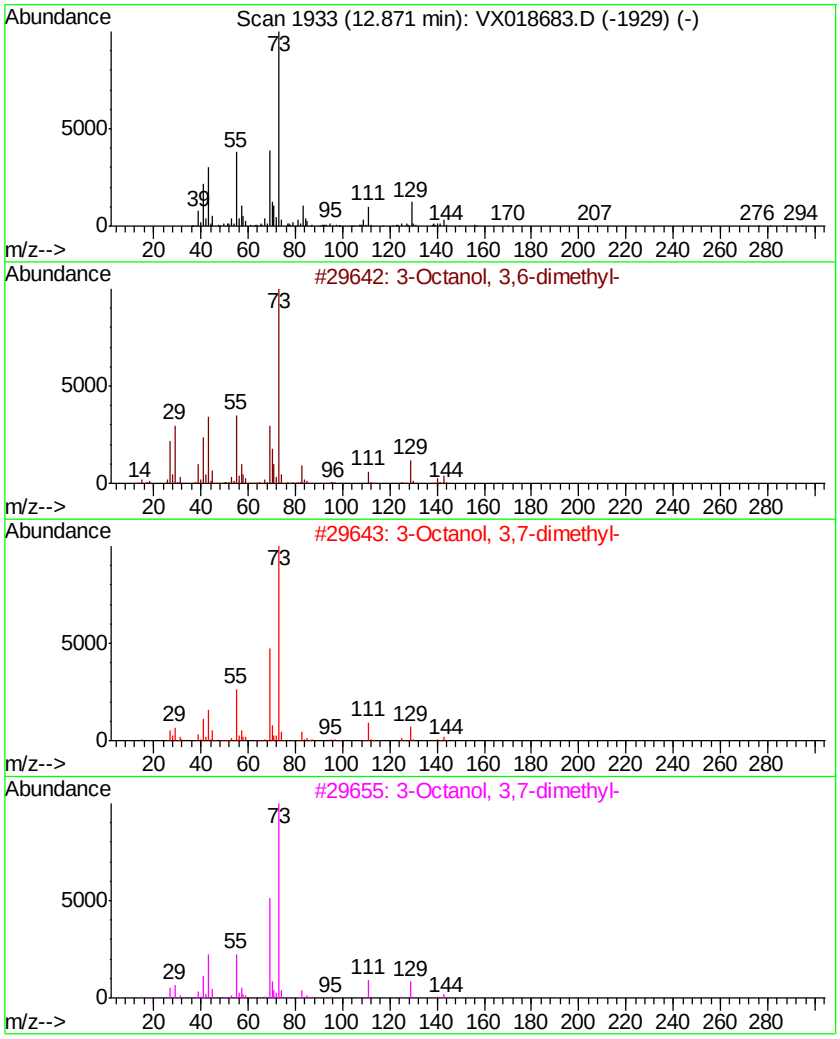
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

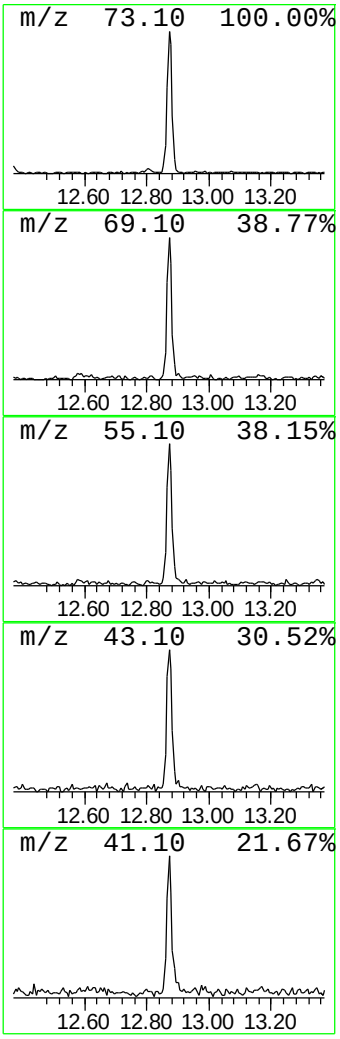
****

Peak Number 9 3-Octanol, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	1.15 ug/L	155491	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	72
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	47
3	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	45
4	3-Nonanol, 3-methyl-	158	C10H22O	021078-72-8	40
5	3-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	007278-65-1	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
Data File : VX018683.D
Acq On : 30 Sep 2020 02:20
Operator : JC/SP
Sample : L4135-01DL 100X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

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

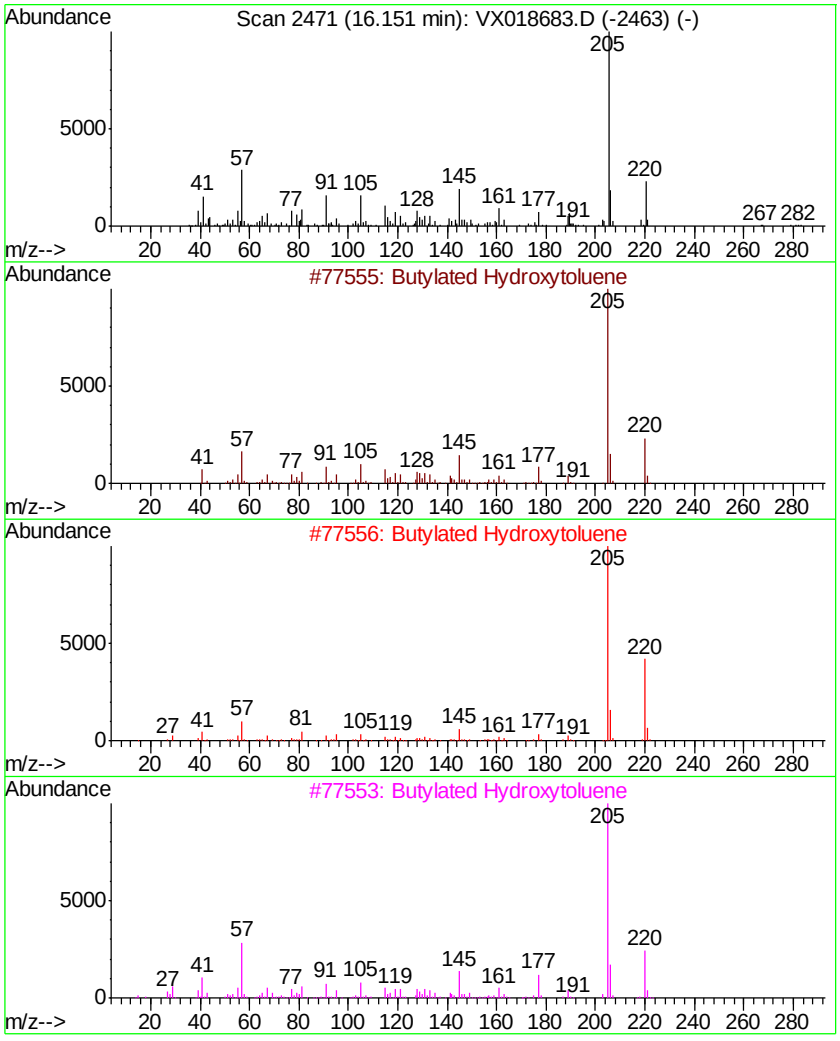
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

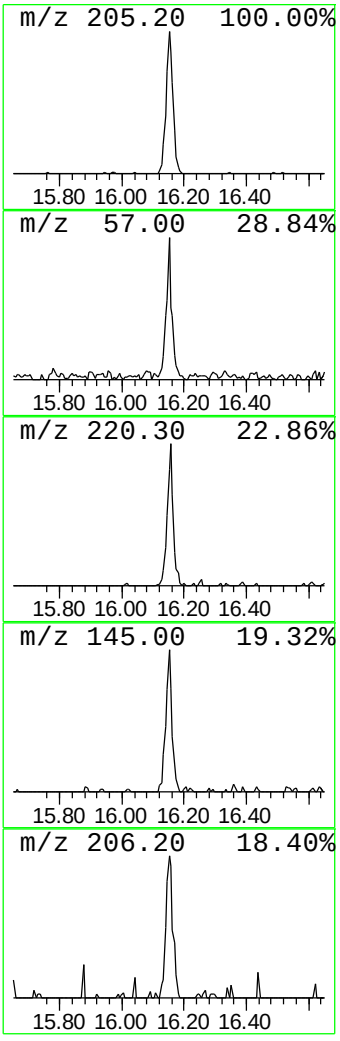
****

Peak Number 10 Butylated Hydroxytoluene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	1.06 ug/L	144458	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	90
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	90
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	83
5	2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092920\
Data File : VX018683.D
Acq On : 30 Sep 2020 02:20
Operator : JC/SP
Sample : L4135-01DL 100X
Misc : 25.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : BG0Q5DL

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	69821	1	6.83	553640	5.0
1-Propanol, 2-(1-...	3.82	5.2	ug/L	578445	1	6.83	553640	5.0
Ethanol, 2-[(trim...	4.68	1.1	ug/L	127159	1	6.83	553640	5.0
unknown-01	9.74	0.5	ug/L	68198	2	10.10	634890	5.0
Benzene, propyl-	11.35	0.6	ug/L	79069	3	12.07	678851	5.0
Benzene, 1-ethyl-...	11.65	0.5	ug/L	72989	3	12.07	678851	5.0
Benzene, 1-etheny...	12.29	0.7	ug/L	94046	3	12.07	678851	5.0
3-Octanol, 3,6-di...	12.87	1.1	ug/L	155491	3	12.07	678851	5.0
Butylated Hydroxy...	16.15	1.1	ug/L	144458	3	12.07	678851	5.0