LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
Data File : VX028737.D
Acq On : 16 May 2022 17:28
Operator : JC/MD
Sample : N2862-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP051322

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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\82X051222W.M
Title : SW846 8260

Signal : TIC: VX028737.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.391	693	706	718	rBV2	169517	492482	6.40%	0.980%
2	5.556	718	733	753	rVB	261302	775708	10.09%	1.543%
3	5.958	788	799	818	rBV2	178252	481764	6.27%	0.958%
4	6.763	922	931	944	rBV	431012	1032736	13.43%	2.054%
5	8.427	1198	1204	1210	rBV2	63010	124035	1.61%	0.247%
6	8.653	1235	1241	1247	rVB	912057	1420177	18.47%	2.825%
7	8.720	1247	1252	1257	rVB	81840	120867	1.57%	0.240%
8	8.958	1285	1291	1300	rVB	743635	1134946	14.76%	2.258%
9	9.049	1300	1306	1312	rBV	963842	1388261	18.05%	2.762%
10	9.458	1365	1373	1378	rBV	57379	98858	1.29%	0.197%
11	9.616	1394	1399	1404	rBV2	75196	119560	1.55%	0.238%
12	10.055	1466	1471	1481	rBV	994607	1322408	17.20%	2.631%
13	10.195	1490	1494	1496	rBV	91197	133939	1.74%	0.266%
14	10.299	1505	1511	1518	rVB	2469392	3363919	43.75%	6.691%
15	10.646	1562	1568	1577	rVB	5827698	7689738	100.00%	15.296%
16	10.963	1614	1620	1625	rBV	57257	78092	1.02%	0.155%
17	11.085	1635	1640	1645	rBV	793885	1042130	13.55%	2.073%
18	11.378	1681	1688	1696	rVV	1239805	1975818	25.69%	3.930%
19	11.451	1696	1700	1710	rVB	1362105	1668860	21.70%	3.320%
20	11.616	1721	1727	1734	rBV	2639793	3188747	41.47%	6.343%
21	11.756	1745	1750	1755	rVB	1869675	2330368	30.30%	4.636%
22	11.969	1781	1785	1789	rBV	165149	212395	2.76%	0.422%
23	12.024	1789	1794	1799	rVB	1234921	1500099	19.51%	2.984%
24	12.091	1799	1805	1811	rBV	3516470	4524935	58.84%	9.001%
25	12.244	1825	1830	1833	rBV2	930844	1287734	16.75%	2.562%
26	12.317	1838	1842	1849	rVB2	683870	907666	11.80%	1.806%
27	12.408	1849	1857	1862	rBV2	127502	188938	2.46%	0.376%
28	12.463	1862	1866	1872	rVB	303810	360029	4.68%	0.716%
29	12.530	1872	1877	1879	rBV	311963	393078	5.11%	0.782%
30	12.555	1879	1881	1886	rVB	381813	424204	5.52%	0.844%
31	12.616	1886	1891	1894	rBV	594442	723216	9.40%	1.439%
32	12.646	1894	1896	1900	rVV	119724	126083	1.64%	0.251%
33	12.701	1900	1905	1918	rVB2	925422	1337227	17.39%	2.660%
34	12.847	1924	1929	1934	rVB	384933	481133	6.26%	0.957%
35	12.920	1934	1941	1945	rBV	602055	775592	10.09%	1.543%
36	12.963	1945	1948	1953	rVB	640295	737314	9.59%	1.467%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
Data File : VX028737.D
Acq On : 16 May 2022 17:28
Operator : JC/MD
Sample : N2862-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP051322

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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\82X051222W.M
Title : SW846 8260

37	13.042	1953	1961	1964	rBV3	77351	173731	2.26%	0.346%
38	13.170	1978	1982	1986	rVB	392905	471111	6.13%	0.937%
39	13.292	1997	2002	2007	rVB2	1671503	2147709	27.93%	4.272%
40	13.426	2019	2024	2029	rVB	218967	284958	3.71%	0.567%
41	13.506	2032	2037	2040	rBV2	57618	77212	1.00%	0.154%
42	13.542	2040	2043	2046	rVV	133460	185017	2.41%	0.368%
43	13.585	2046	2050	2055	rVV3	169726	286836	3.73%	0.571%
44	13.640	2056	2059	2061	rVV	95865	134761	1.75%	0.268%
45	13.664	2061	2063	2069	rVB2	155861	187954	2.44%	0.374%
46	13.780	2075	2082	2088	rBV	753294	988216	12.85%	1.966%
47	13.871	2091	2097	2102	rVB	150826	208620	2.71%	0.415%
48	14.079	2126	2131	2135	rBV	57529	78347	1.02%	0.156%
49	14.213	2148	2153	2161	rBV	66716	111586	1.45%	0.222%
50	14.597	2211	2216	2219	rBV	147002	191272	2.49%	0.380%
51	14.640	2219	2223	2234	rVB	276397	384925	5.01%	0.766%
52	14.786	2241	2247	2254	rBV2	255673	396289	5.15%	0.788%

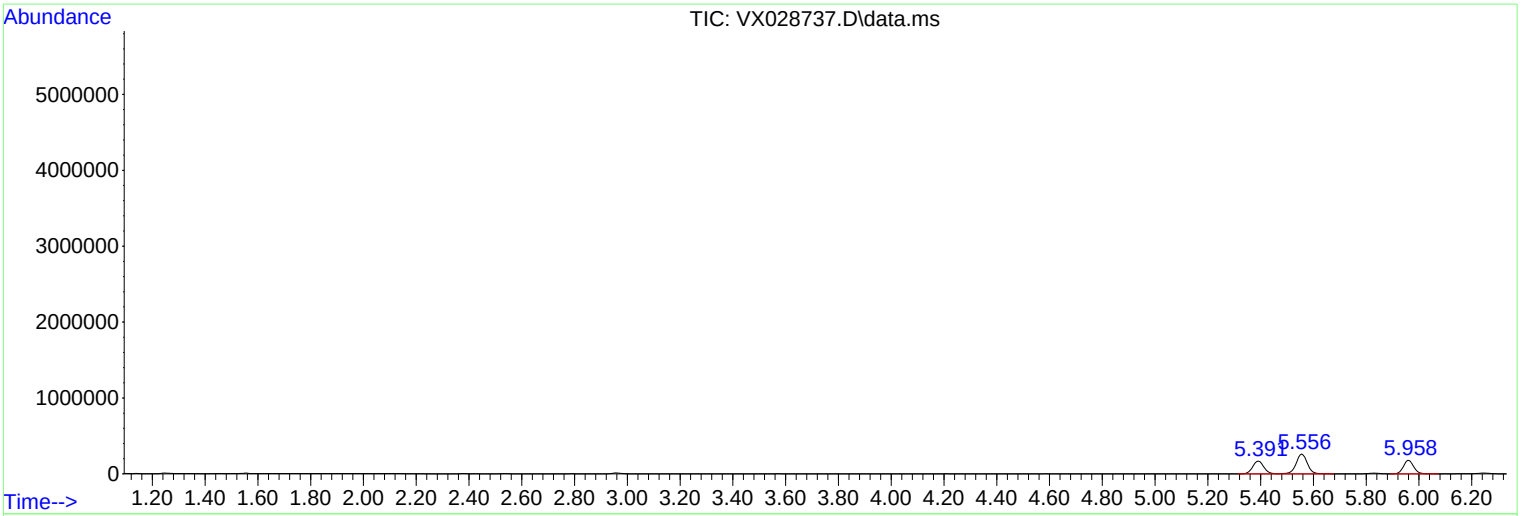
Sum of corrected areas: 50271600

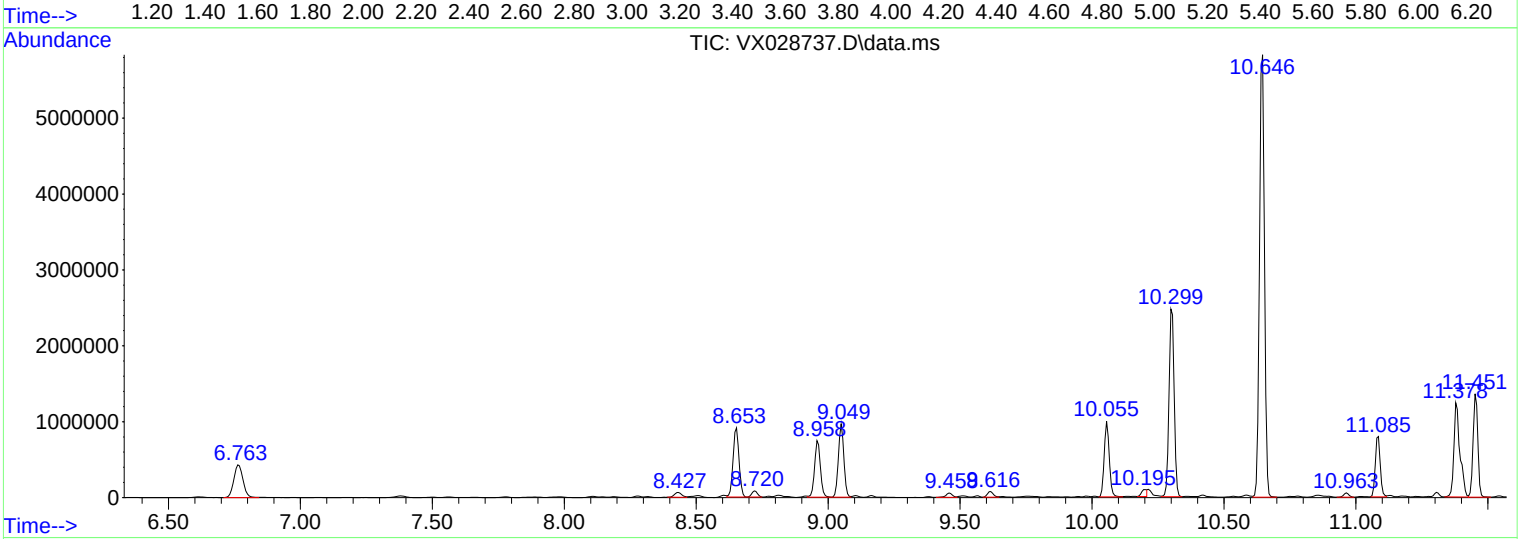
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
Data File : VX028737.D
Acq On : 16 May 2022 17:28
Operator : JC/MD
Sample : N2862-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

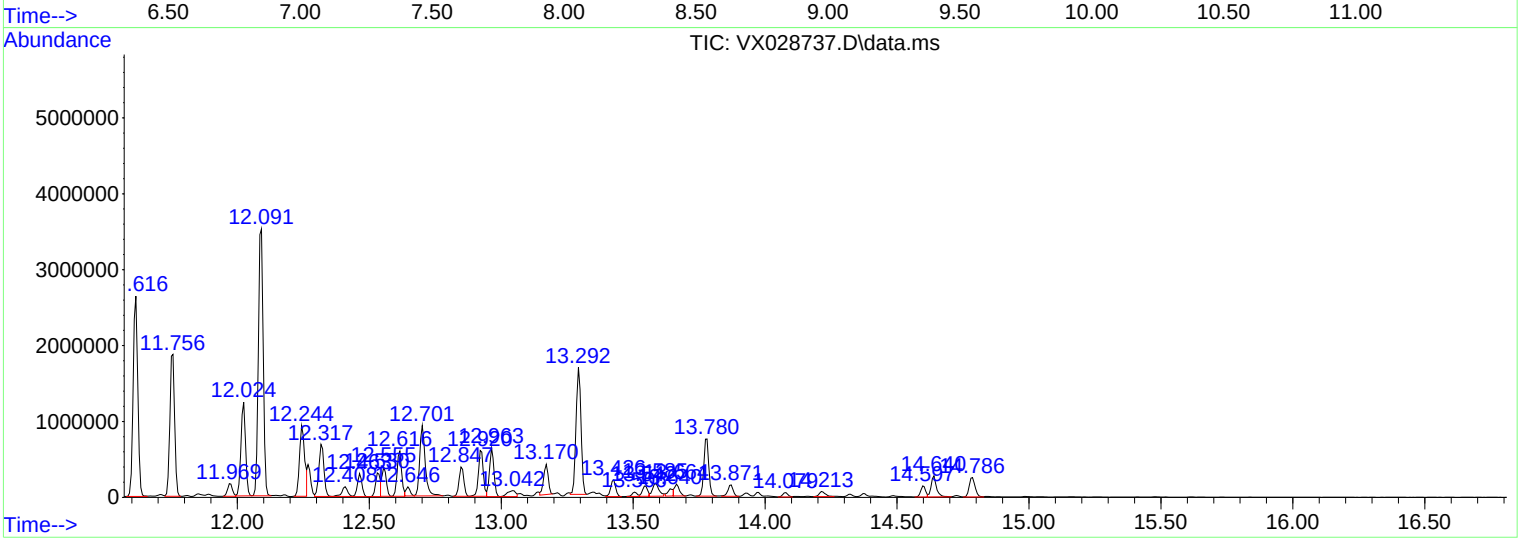
Instrument :
MSVOA_X
ClientSampleId :
DUP051322

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
Data File : VX028737.D
Acq On : 16 May 2022 17:28
Operator : JC/MD
Sample : N2862-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP051322

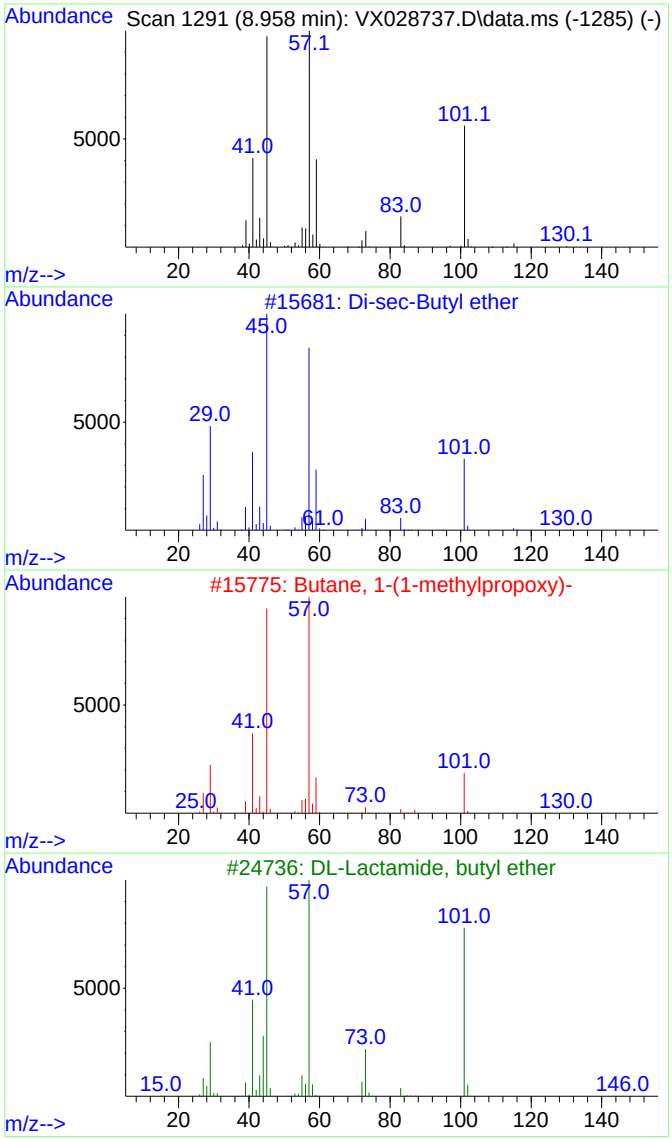
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

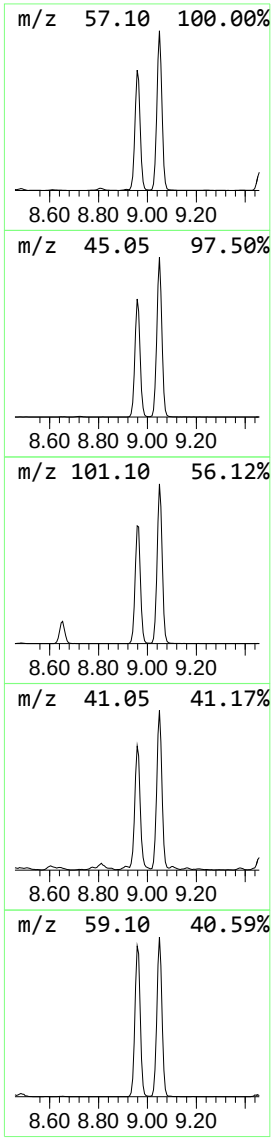
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Di-sec-Butyl ether Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.958	42.91 ug/l	1134950	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	91
2	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	47
3	DL-Lactamide, butyl ether	145	C7H15NO2	1000452-56-5	42
4	Sulfurous acid, isobutyl 2-methy...	238	C10H22O4S	1000309-20-3	40
5	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
Data File : VX028737.D
Acq On : 16 May 2022 17:28
Operator : JC/MD
Sample : N2862-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP051322

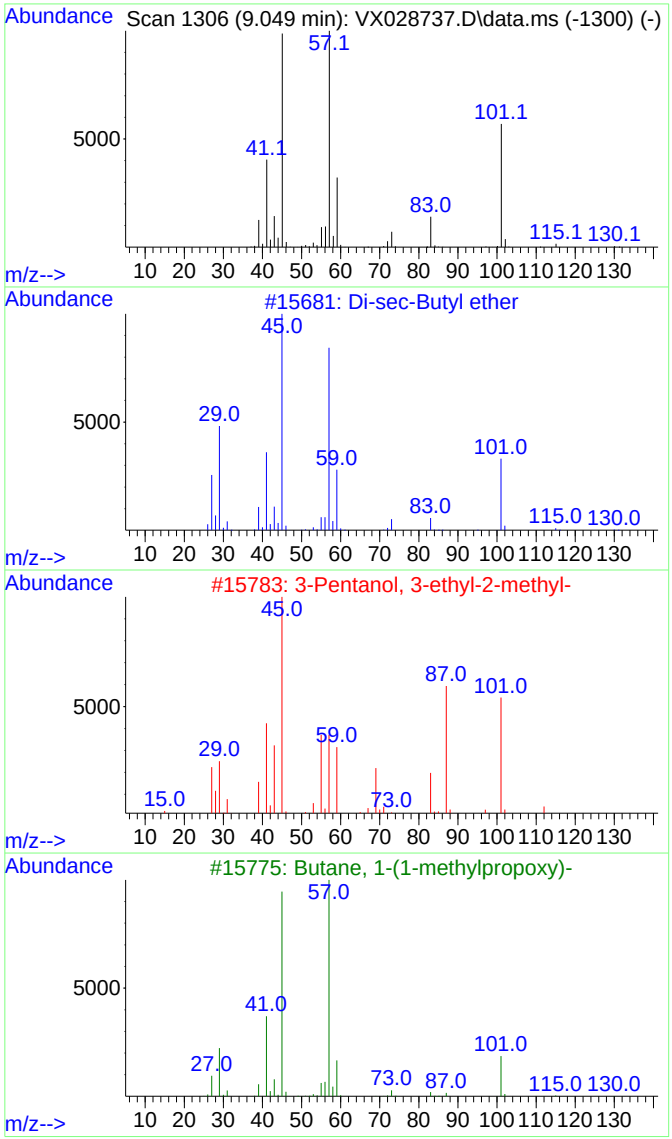
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

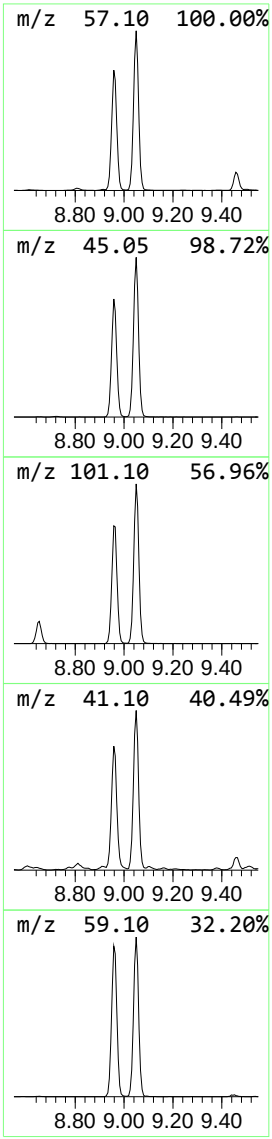
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3-Pentanol, 3-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.049	52.49 ug/l	1388260	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	91
2	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	64
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	53
4	Boronic acid, ethyl-, diethyl ester	130	C6H15BO2	053907-92-9	38
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
Data File : VX028737.D
Acq On : 16 May 2022 17:28
Operator : JC/MD
Sample : N2862-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP051322

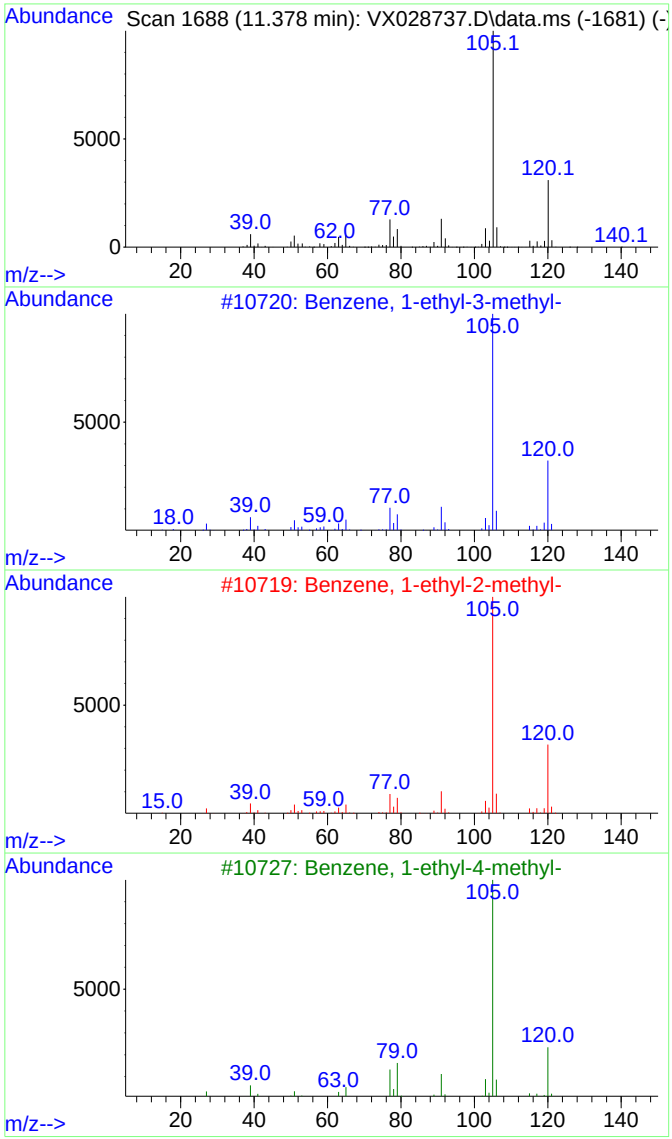
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

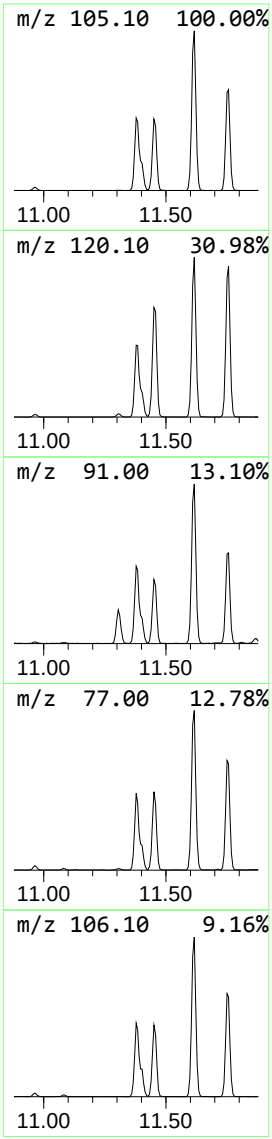
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	65.86 ug/l	1975820	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
Data File : VX028737.D
Acq On : 16 May 2022 17:28
Operator : JC/MD
Sample : N2862-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP051322

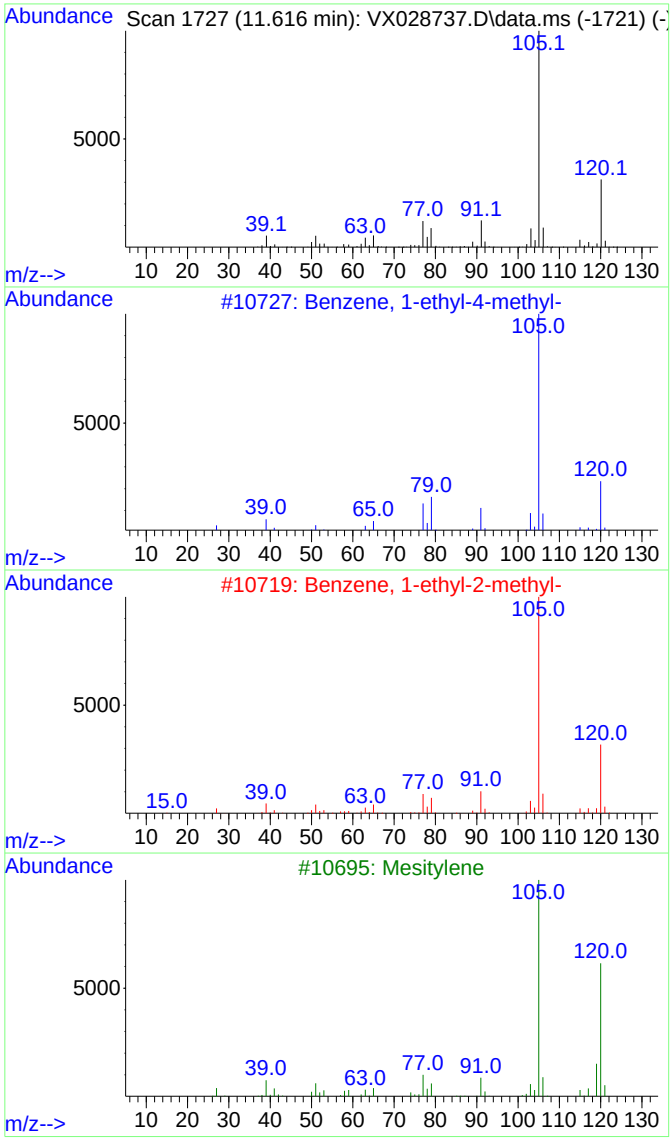
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

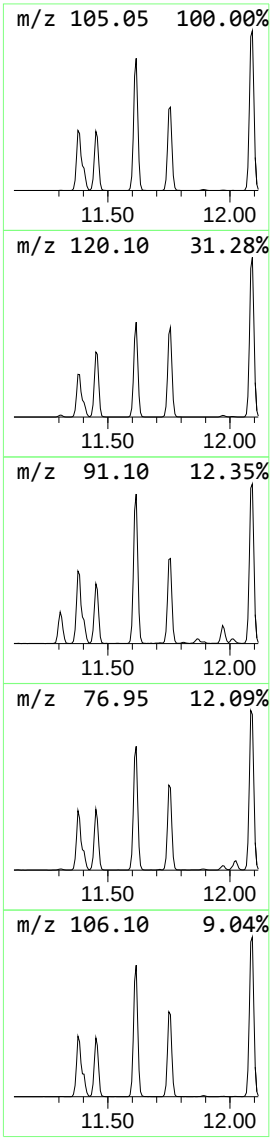
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	106.29 ug/l	3188750	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
Data File : VX028737.D
Acq On : 16 May 2022 17:28
Operator : JC/MD
Sample : N2862-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP051322

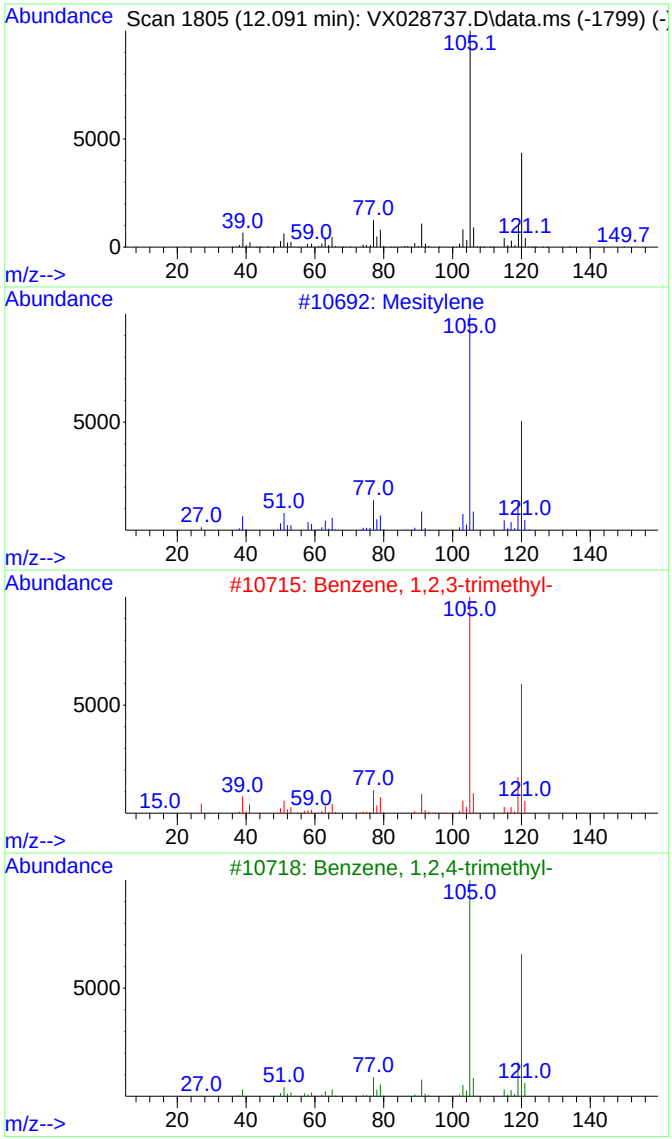
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

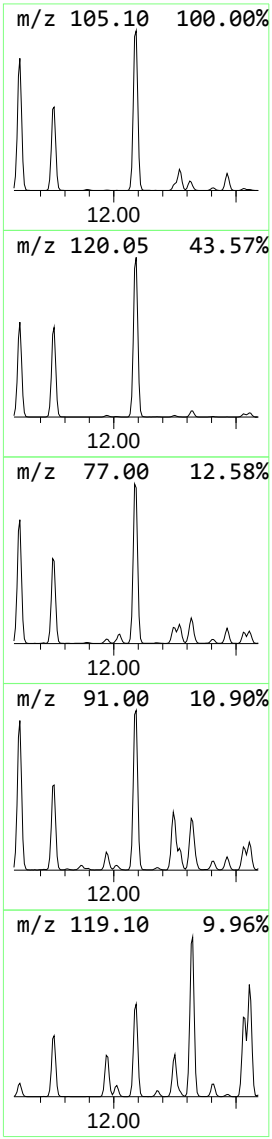
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.091	150.82 ug/l	4524940	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
Data File : VX028737.D
Acq On : 16 May 2022 17:28
Operator : JC/MD
Sample : N2862-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP051322

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

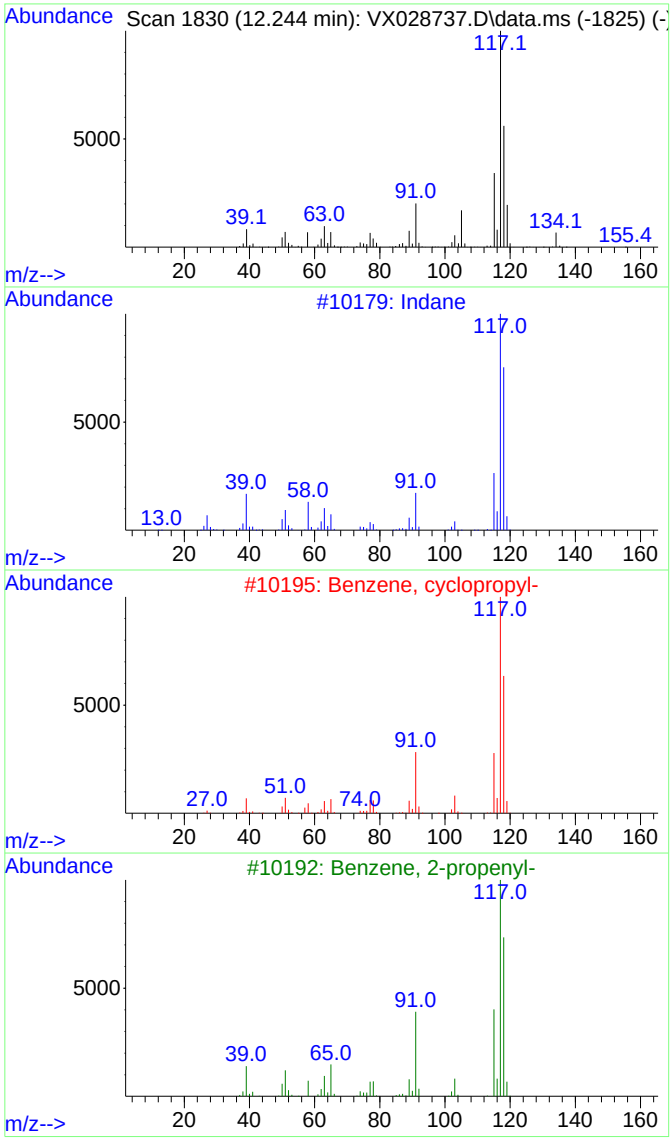
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

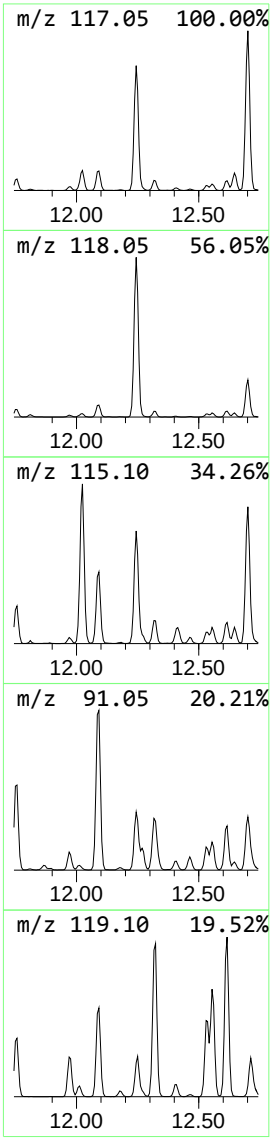
****

Peak Number 6 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	42.92 ug/l	1287730	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
4	Deltacyclene	118	C9H10	007785-10-6	52
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
Data File : VX028737.D
Acq On : 16 May 2022 17:28
Operator : JC/MD
Sample : N2862-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP051322

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

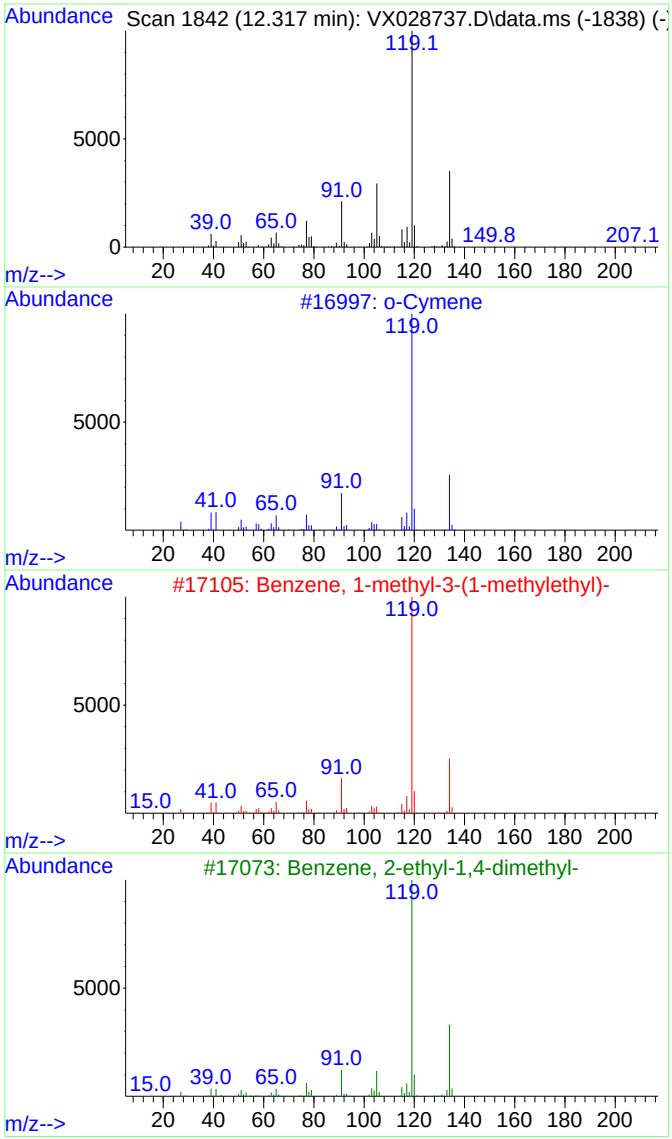
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

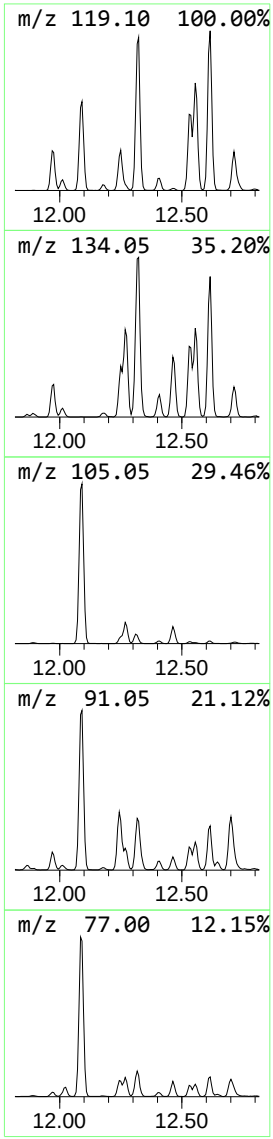
****

Peak Number 7 o-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.317	30.25 ug/l	907666	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
Data File : VX028737.D
Acq On : 16 May 2022 17:28
Operator : JC/MD
Sample : N2862-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP051322

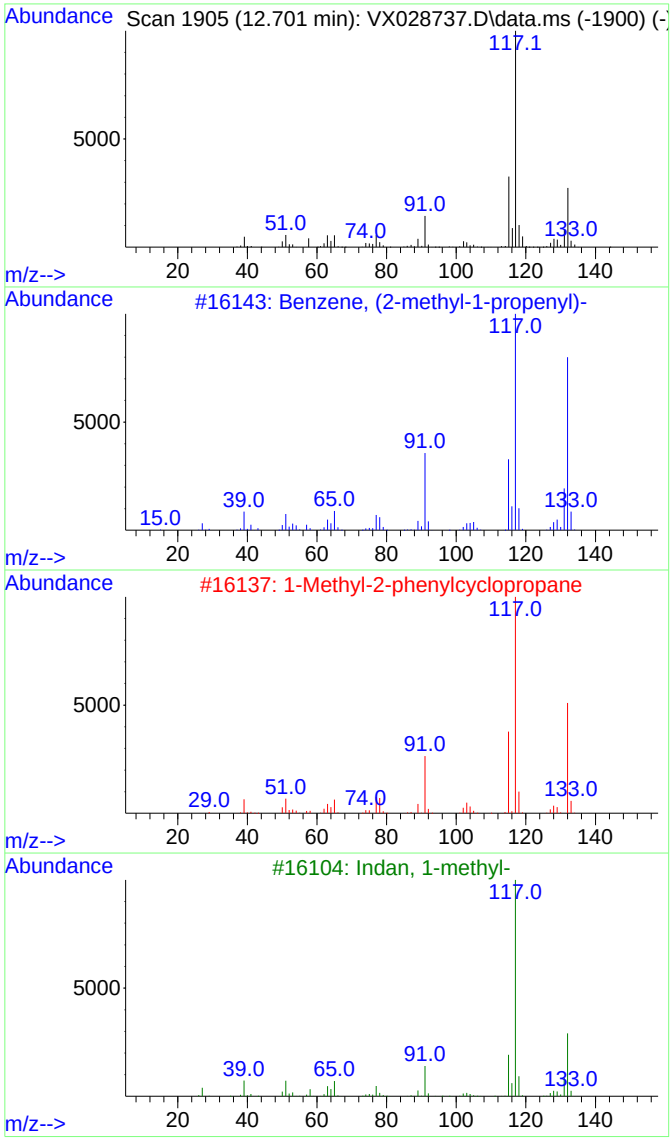
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

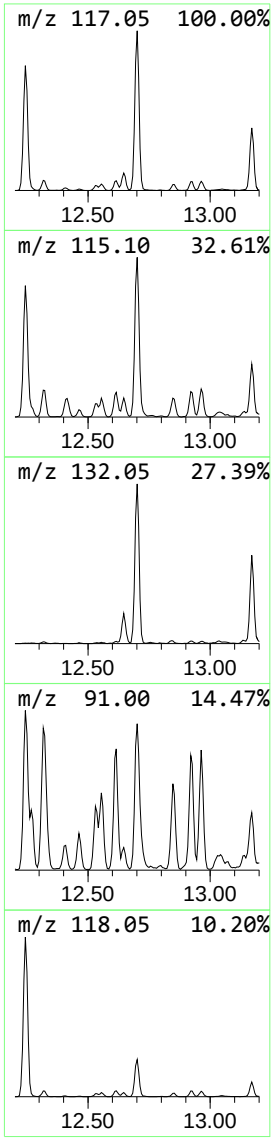
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (2-methyl-1-propen... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	44.57 ug/l	1337230	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
Data File : VX028737.D
Acq On : 16 May 2022 17:28
Operator : JC/MD
Sample : N2862-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP051322

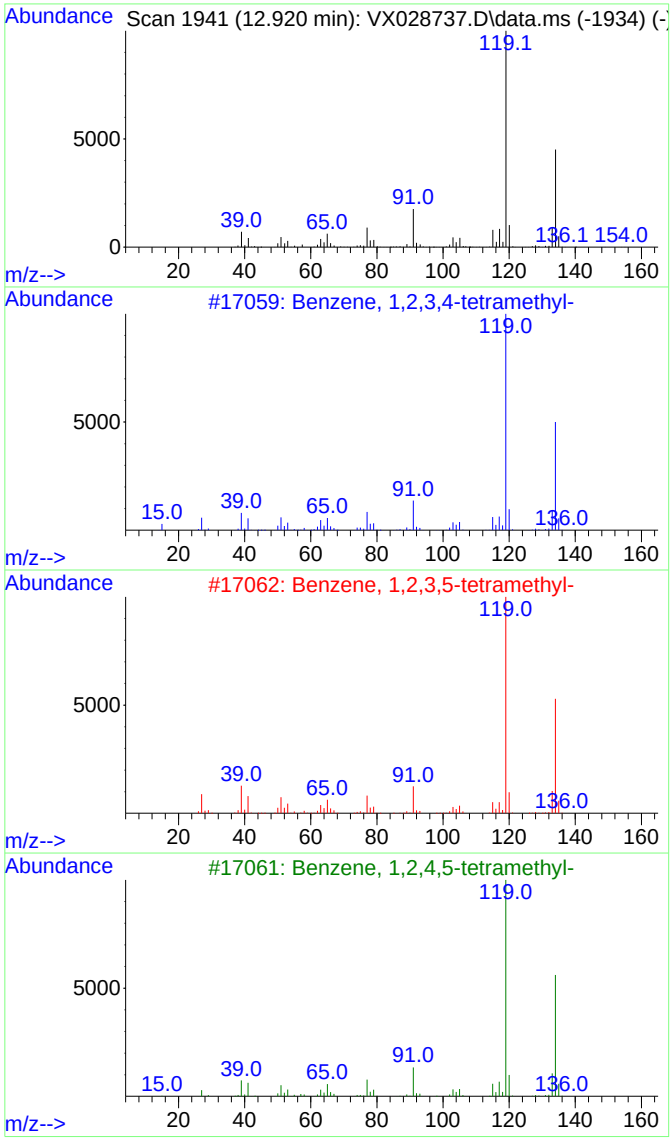
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

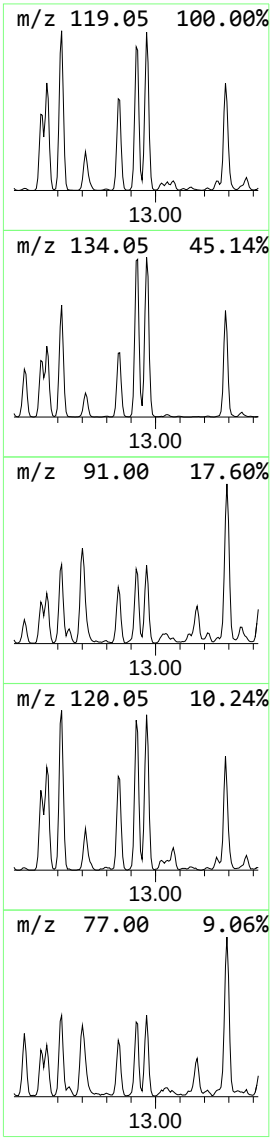
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	25.85 ug/l	775592	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
Data File : VX028737.D
Acq On : 16 May 2022 17:28
Operator : JC/MD
Sample : N2862-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP051322

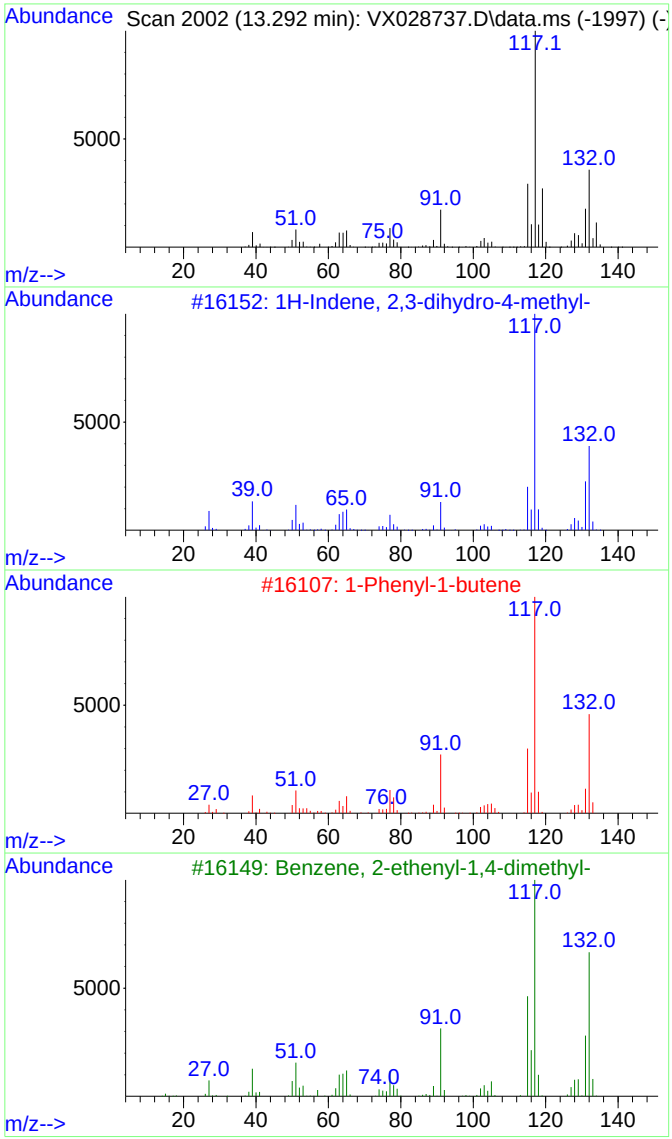
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

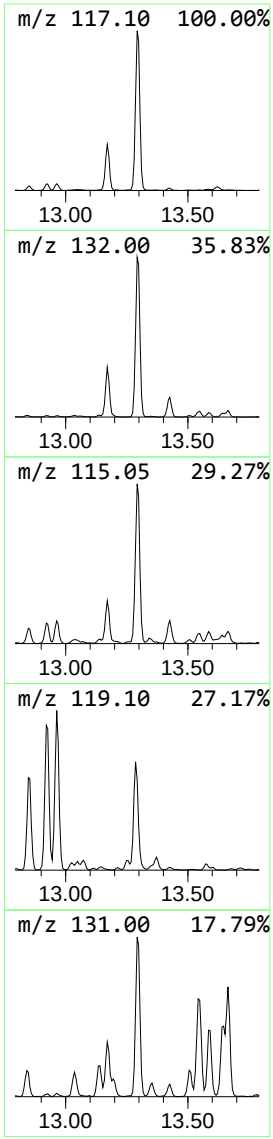
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	71.59 ug/l	2147710	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
Data File : VX028737.D
Acq On : 16 May 2022 17:28
Operator : JC/MD
Sample : N2862-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP051322

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Di-sec-Butyl ether	8.958	42.9	ug/l	1134950	3	10.055	1322410	50.0
3-Pentanol, 3-e...	9.049	52.5	ug/l	1388260	3	10.055	1322410	50.0
Benzene, 1-ethy...	11.378	65.9	ug/l	1975820	4	12.024	1500100	50.0
Benzene, 1-ethy...	11.616	106.3	ug/l	3188750	4	12.024	1500100	50.0
Benzene, 1,2,3-...	12.091	150.8	ug/l	4524940	4	12.024	1500100	50.0
Indane	12.244	42.9	ug/l	1287730	4	12.024	1500100	50.0
o-Cymene	12.317	30.3	ug/l	907666	4	12.024	1500100	50.0
Benzene, (2-met...	12.701	44.6	ug/l	1337230	4	12.024	1500100	50.0
Benzene, 1,2,3,...	12.920	25.9	ug/l	775592	4	12.024	1500100	50.0
1H-Indene, 2,3-...	13.292	71.6	ug/l	2147710	4	12.024	1500100	50.0