LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
Data File : VX032733.D
Acq On : 10 Nov 2022 17:04
Operator : JC/MD
Sample : N5500-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

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\82X102622W.M
Title : SW846 8260

Signal : TIC: VX032733.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.453	56	60	71	rBV	41022	48311	11.85%	1.116%
2	1.758	105	110	117	rVB2	6003	9023	2.21%	0.208%
3	2.050	152	158	166	rBV	13852	23188	5.69%	0.535%
4	2.380	203	212	223	rBV	26097	45922	11.27%	1.060%
5	2.837	281	287	296	rVB2	8781	19183	4.71%	0.443%
6	3.111	324	332	340	rVB3	6052	14028	3.44%	0.324%
7	3.459	381	389	396	rVB3	5121	11473	2.82%	0.265%
8	4.312	522	529	537	rVB4	3186	8162	2.00%	0.188%
9	4.568	562	571	586	rBV	7786	21834	5.36%	0.504%
10	5.397	696	707	717	rBV3	15642	45828	11.25%	1.058%
11	5.562	719	734	749	rVV2	68612	205527	50.43%	4.746%
12	5.830	769	778	789	rBV5	3155	9296	2.28%	0.215%
13	5.964	790	800	814	rVB	12283	33400	8.20%	0.771%
14	6.257	840	848	857	rVB5	3088	9988	2.45%	0.231%
15	6.769	923	932	942	rBV	72552	174746	42.88%	4.035%
16	7.385	1021	1033	1040	rVB7	4027	10591	2.60%	0.245%
17	8.653	1235	1241	1247	rBV	142499	217706	53.42%	5.027%
18	8.720	1247	1252	1259	rVB	91423	143950	35.32%	3.324%
19	9.439	1365	1370	1376	rBV2	4465	8187	2.01%	0.189%
20	10.055	1466	1471	1481	rBV	92386	125164	30.71%	2.890%
21	10.195	1489	1494	1500	rBV	53638	70679	17.34%	1.632%
22	10.305	1506	1512	1520	rBV	235424	323238	79.32%	7.464%
23	10.586	1553	1558	1562	rBV2	5510	8151	2.00%	0.188%
24	10.640	1562	1567	1578	rVB	83612	118685	29.12%	2.740%
25	10.964	1615	1620	1627	rBV	18492	23318	5.72%	0.538%
26	11.085	1634	1640	1653	rVB	70243	94806	23.26%	2.189%
27	11.305	1670	1676	1682	rBV	52495	65187	16.00%	1.505%
28	11.378	1682	1688	1691	rBV	126090	188911	46.36%	4.362%
29	11.451	1696	1700	1707	rVB	85400	104856	25.73%	2.421%
30	11.616	1719	1727	1733	rBV	76281	106140	26.04%	2.451%
31	11.750	1744	1749	1756	rVB	300918	387093	94.99%	8.938%
32	11.976	1782	1786	1789	rBV	21211	26633	6.54%	0.615%
33	12.024	1789	1794	1800	rVV2	90902	125118	30.70%	2.889%
34	12.104	1800	1807	1816	rVB3	242890	407526	100.00%	9.410%
35	12.244	1823	1830	1833	rBV2	94707	134449	32.99%	3.104%
36	12.317	1838	1842	1852	rVB3	73486	116322	28.54%	2.686%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
Data File : VX032733.D
Acq On : 10 Nov 2022 17:04
Operator : JC/MD
Sample : N5500-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

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\82X102622W.M
Title : SW846 8260

37	12.402	1852	1856	1861	rBV4	7452	10496	2.58%	0.242%
38	12.463	1861	1866	1871	rVB	22429	27071	6.64%	0.625%
39	12.530	1871	1877	1879	rBV	41126	50107	12.30%	1.157%
40	12.555	1879	1881	1886	rVB	37565	41781	10.25%	0.965%
41	12.616	1886	1891	1894	rBV	76770	95283	23.38%	2.200%
42	12.646	1894	1896	1900	rVB	15434	15754	3.87%	0.364%
43	12.701	1900	1905	1913	rBV2	44944	70815	17.38%	1.635%
44	12.853	1925	1930	1935	rBV3	22324	33971	8.34%	0.784%
45	12.920	1935	1941	1945	rBV	40171	49556	12.16%	1.144%
46	12.963	1945	1948	1954	rVB	50918	58792	14.43%	1.358%
47	13.024	1954	1958	1960	rBV	7060	9496	2.33%	0.219%
48	13.170	1978	1982	1986	rVB	39411	49200	12.07%	1.136%
49	13.256	1992	1996	1998	rBV2	7739	10246	2.51%	0.237%
50	13.292	1998	2002	2007	rVB2	72030	95799	23.51%	2.212%
51	13.372	2012	2015	2019	rVB	7488	8218	2.02%	0.190%
52	13.426	2019	2024	2028	rBV2	8774	11248	2.76%	0.260%
53	13.512	2033	2038	2041	rBV3	29664	43774	10.74%	1.011%
54	13.542	2041	2043	2046	rVV2	11062	13301	3.26%	0.307%
55	13.579	2046	2049	2055	rVB3	13242	21724	5.33%	0.502%
56	13.707	2067	2070	2075	rVB	41902	47465	11.65%	1.096%
57	13.774	2075	2081	2091	rVB	31272	43171	10.59%	0.997%
58	14.219	2148	2154	2161	rBV4	5434	10606	2.60%	0.245%
59	14.408	2182	2185	2192	rVB	7295	8671	2.13%	0.200%
60	14.640	2219	2223	2226	rBV	7872	9411	2.31%	0.217%
61	14.780	2242	2246	2253	rVB2	5906	8307	2.04%	0.192%

Sum of corrected areas: 4330882

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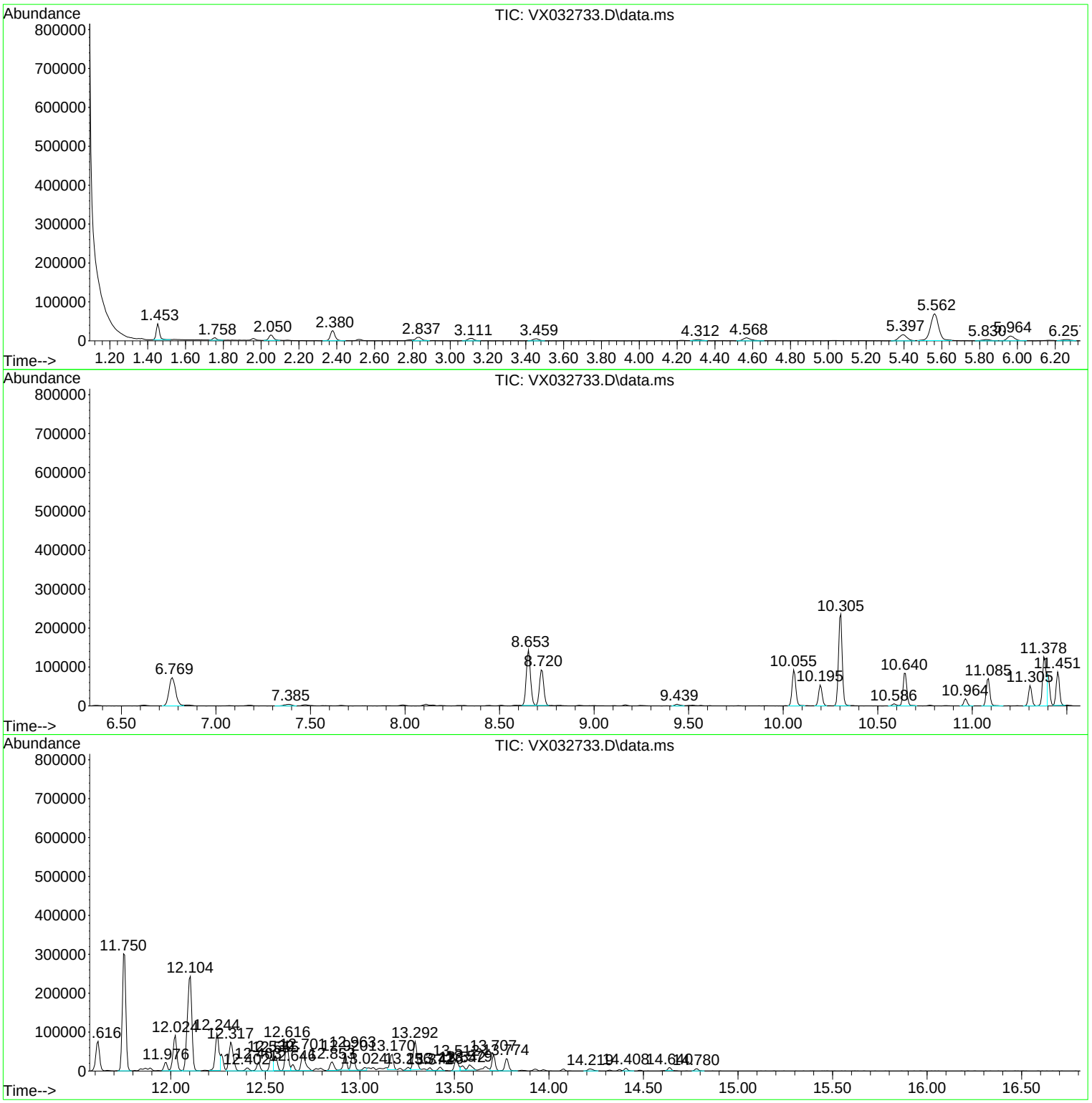
Sample : N5500-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
Data File : VX032733.D
Acq On : 10 Nov 2022 17:04
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

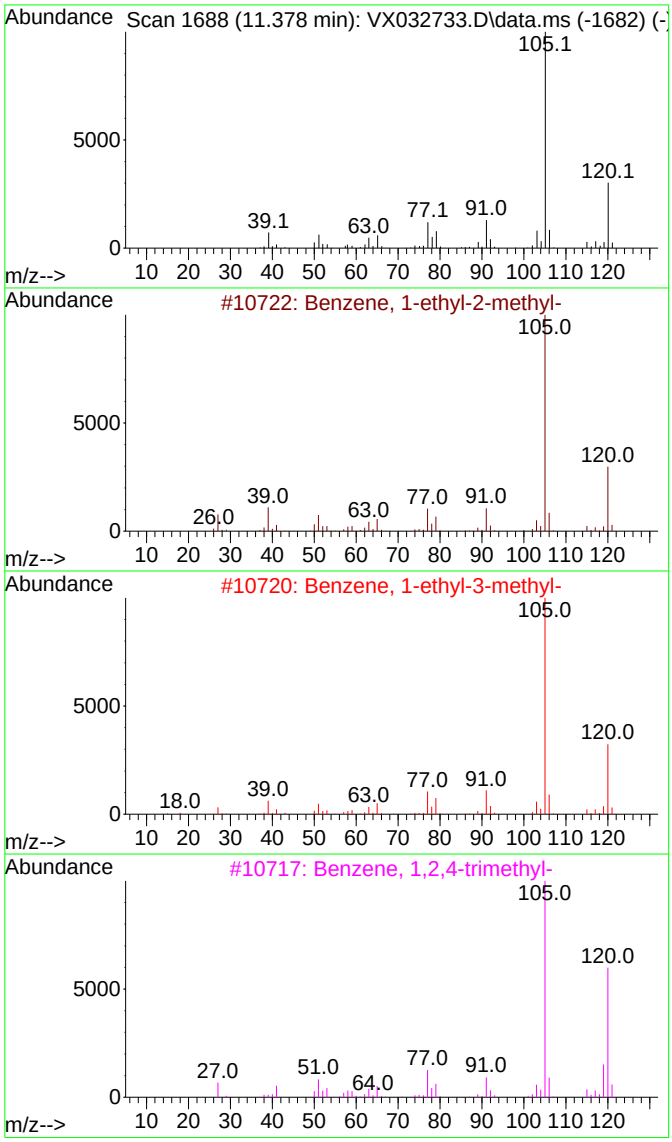
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

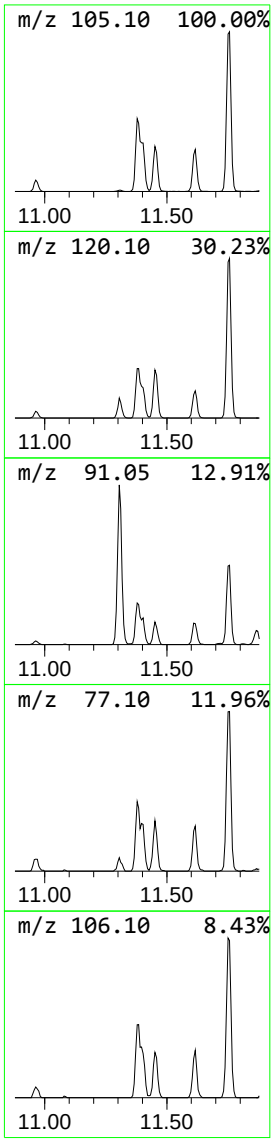
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	75.49 ug/l	188911	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
Data File : VX032733.D
Acq On : 10 Nov 2022 17:04
Operator : JC/MD
Sample : N5500-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

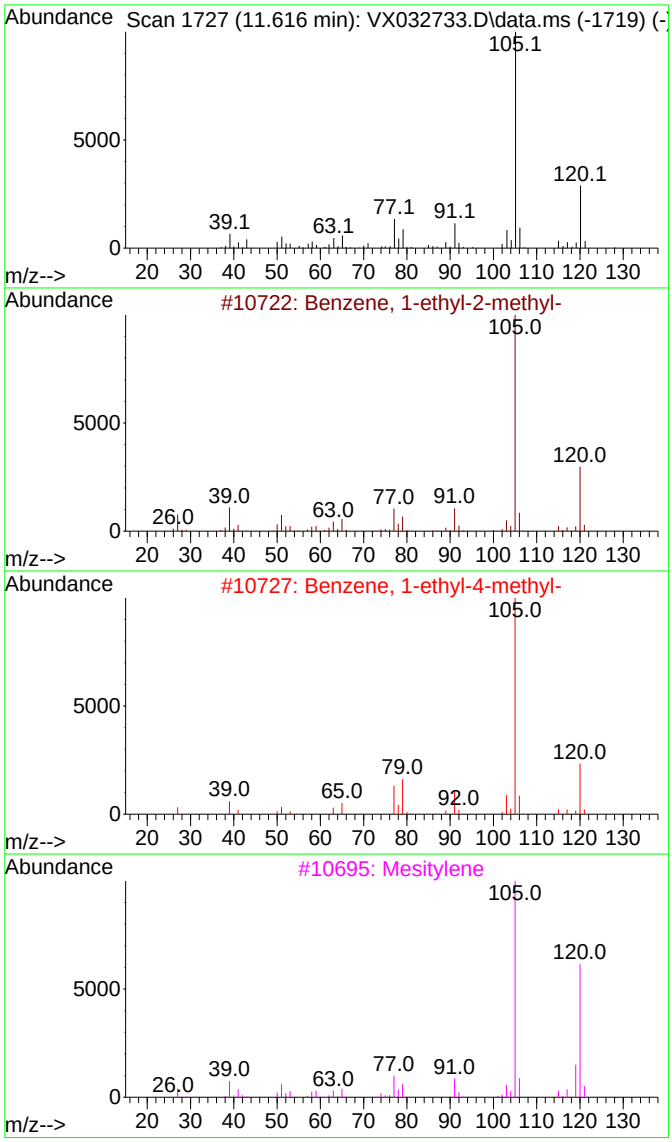
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

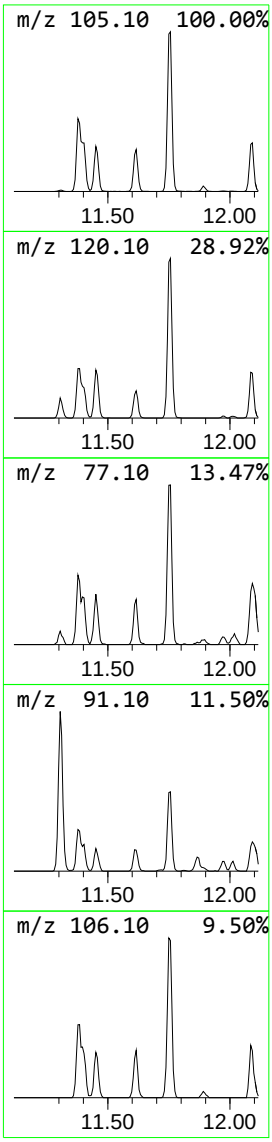
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	42.42 ug/l	106140	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
Data File : VX032733.D
Acq On : 10 Nov 2022 17:04
Operator : JC/MD
Sample : N5500-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

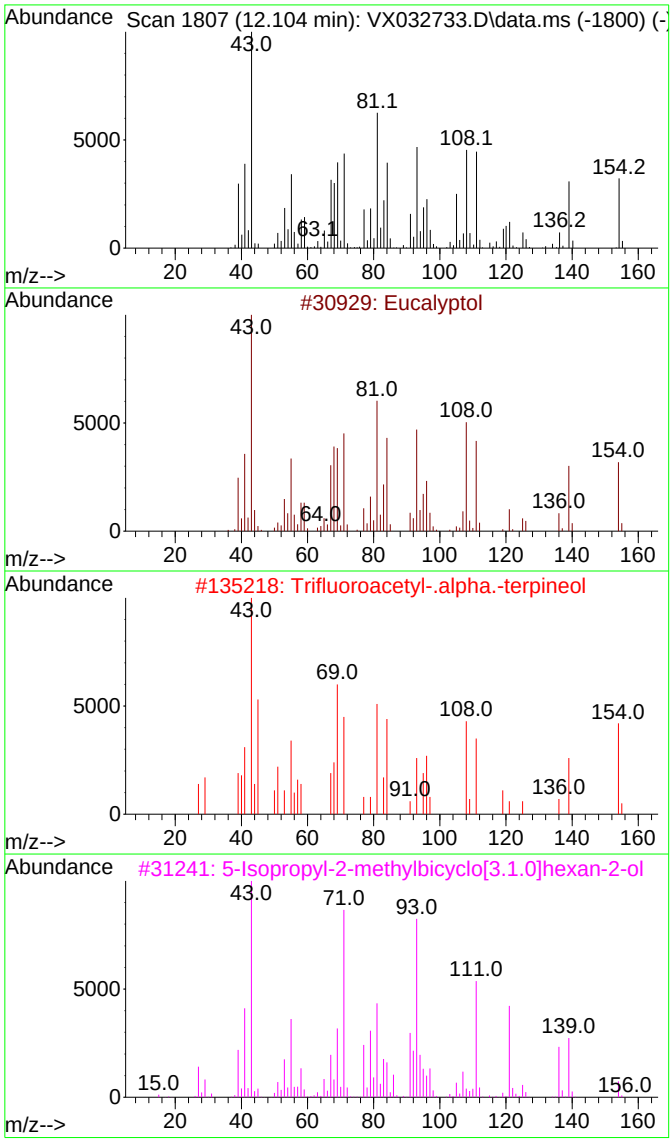
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

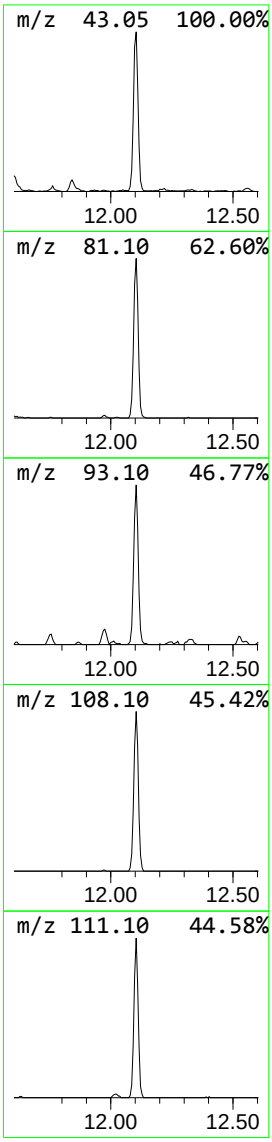
****

Peak Number 3 Eucalyptol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	162.86 ug/l	407526	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	99
2	Trifluoroacetyl-.alpha.-terpineol	250	C12H17F3O2	1000058-17-6	52
3	5-Isopropyl-2-methylbicyclo[3.1....	154	C10H18O	000546-79-2	25
4	2-Isopropyl-5-methylhex-2-enal	154	C10H18O	035158-25-9	18
5	2-Cyclohexen-1-ol, 1-methyl-4-(1...	154	C10H18O	029803-82-5	16





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
Data File : VX032733.D
Acq On : 10 Nov 2022 17:04
Operator : JC/MD
Sample : N5500-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

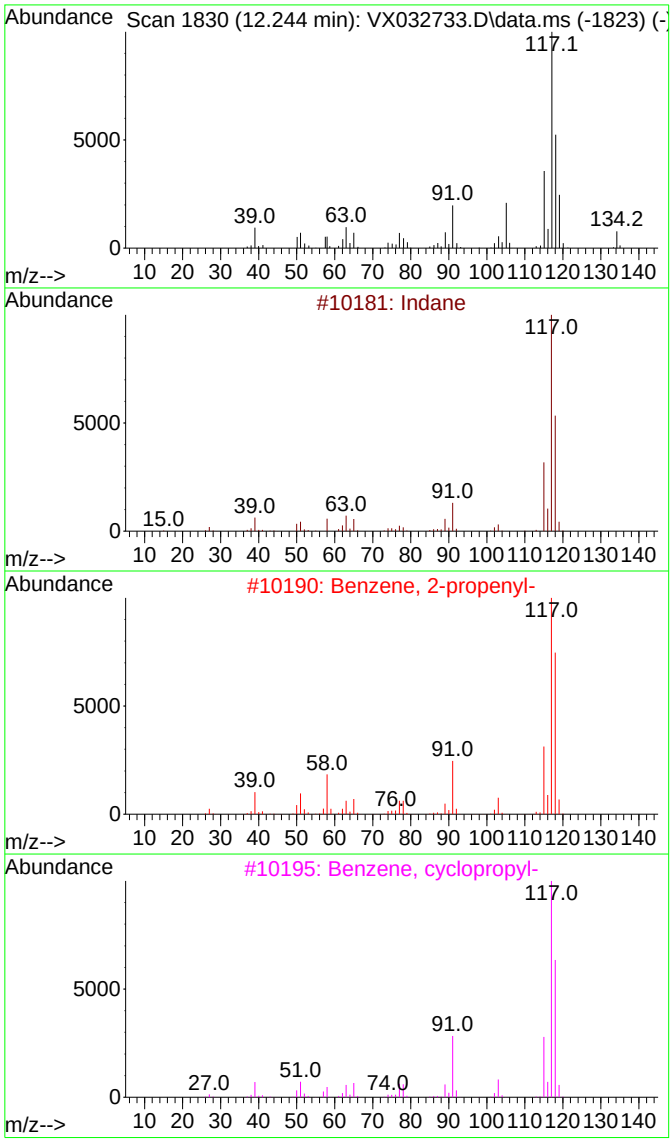
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

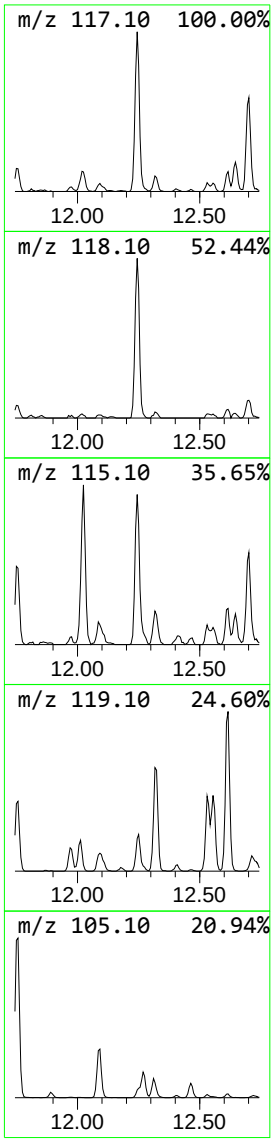
****

Peak Number 4 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	53.73 ug/l	134449	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	86
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64
5	Deltacyclene	118	C9H10	007785-10-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
Data File : VX032733.D
Acq On : 10 Nov 2022 17:04
Operator : JC/MD
Sample : N5500-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

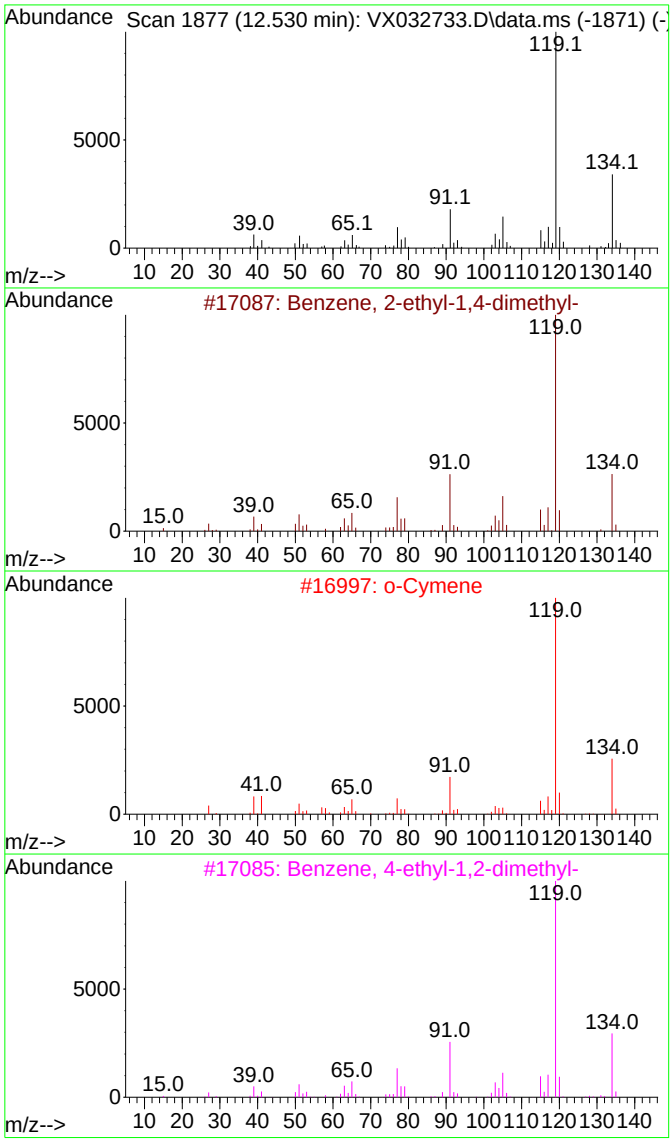
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

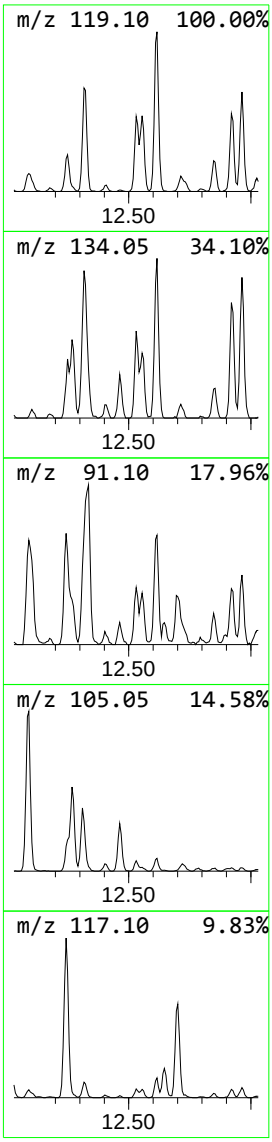
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.530	20.02 ug/l	50107	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
Data File : VX032733.D
Acq On : 10 Nov 2022 17:04
Operator : JC/MD
Sample : N5500-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

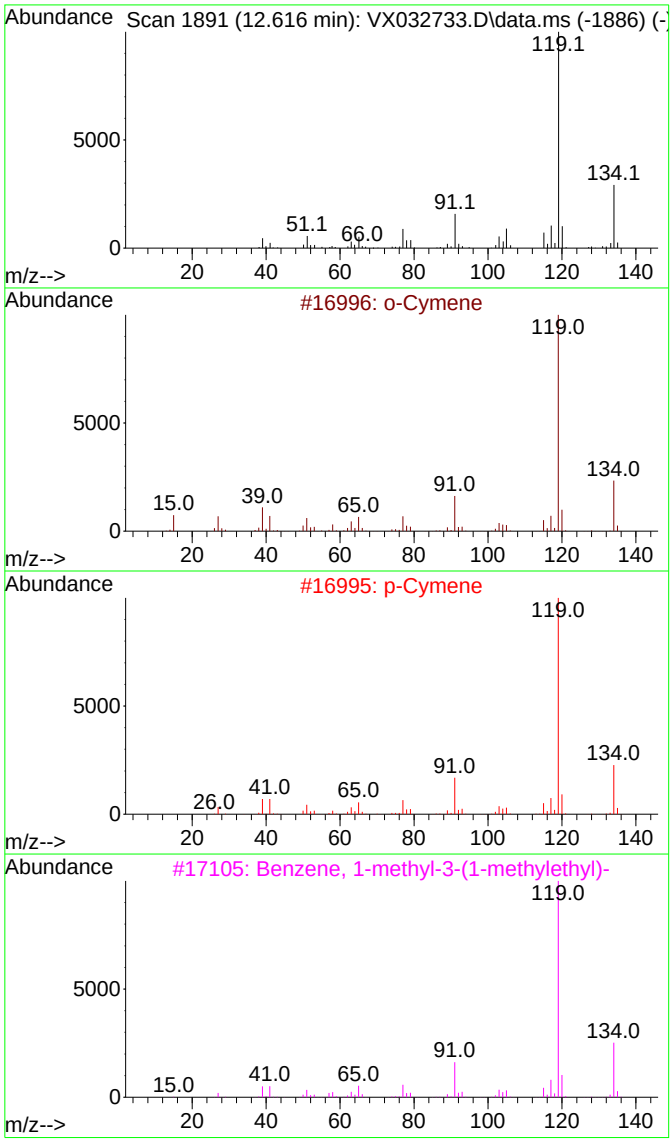
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

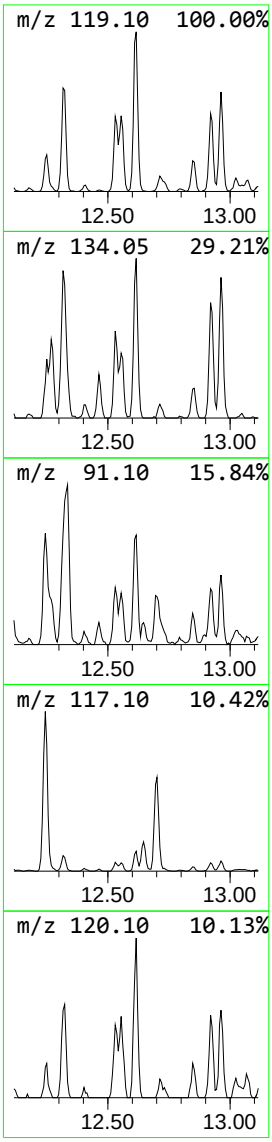
****

Peak Number 6 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	38.08 ug/l	95283	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	p-Cymene	134	C10H14	000099-87-6	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
Data File : VX032733.D
Acq On : 10 Nov 2022 17:04
Operator : JC/MD
Sample : N5500-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

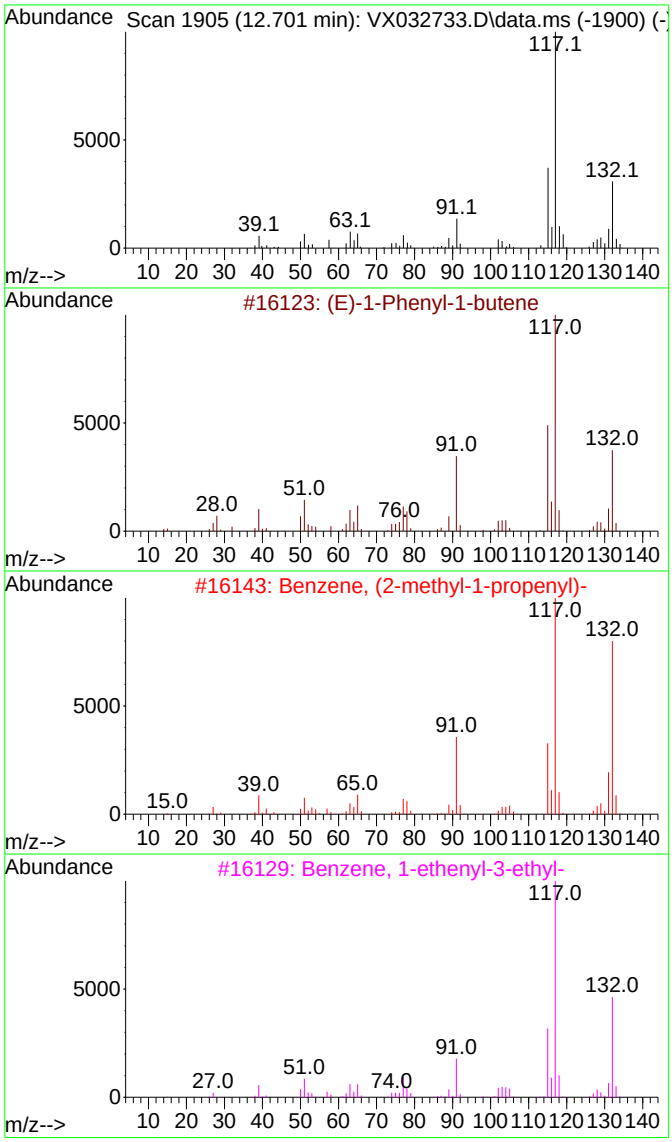
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

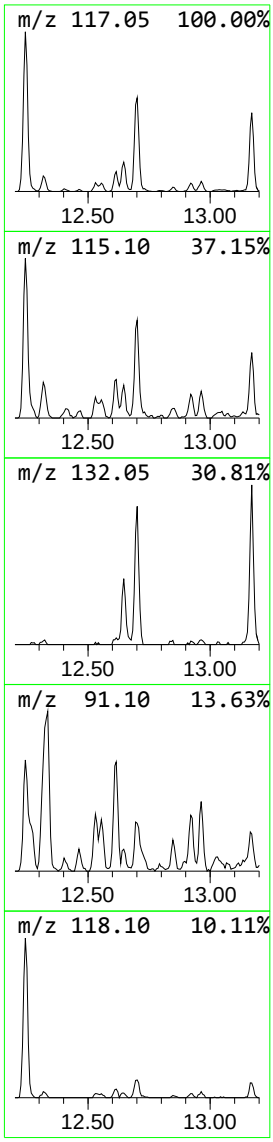
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (E)-1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	28.30 ug/l	70815	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	93
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
Data File : VX032733.D
Acq On : 10 Nov 2022 17:04
Operator : JC/MD
Sample : N5500-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

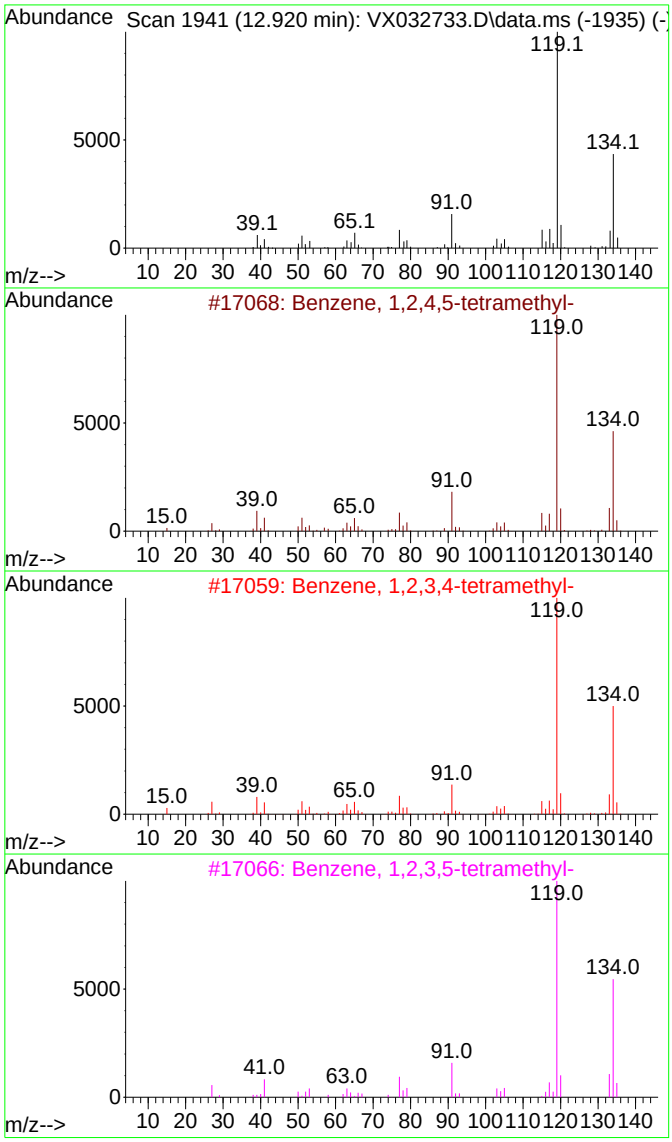
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

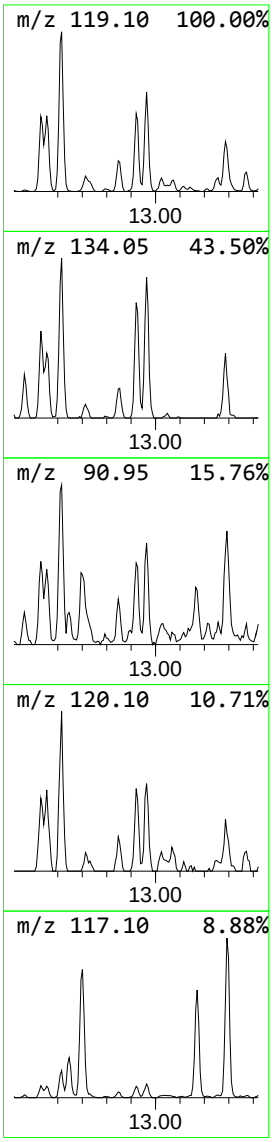
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	19.80 ug/l	49556	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
Data File : VX032733.D
Acq On : 10 Nov 2022 17:04
Operator : JC/MD
Sample : N5500-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

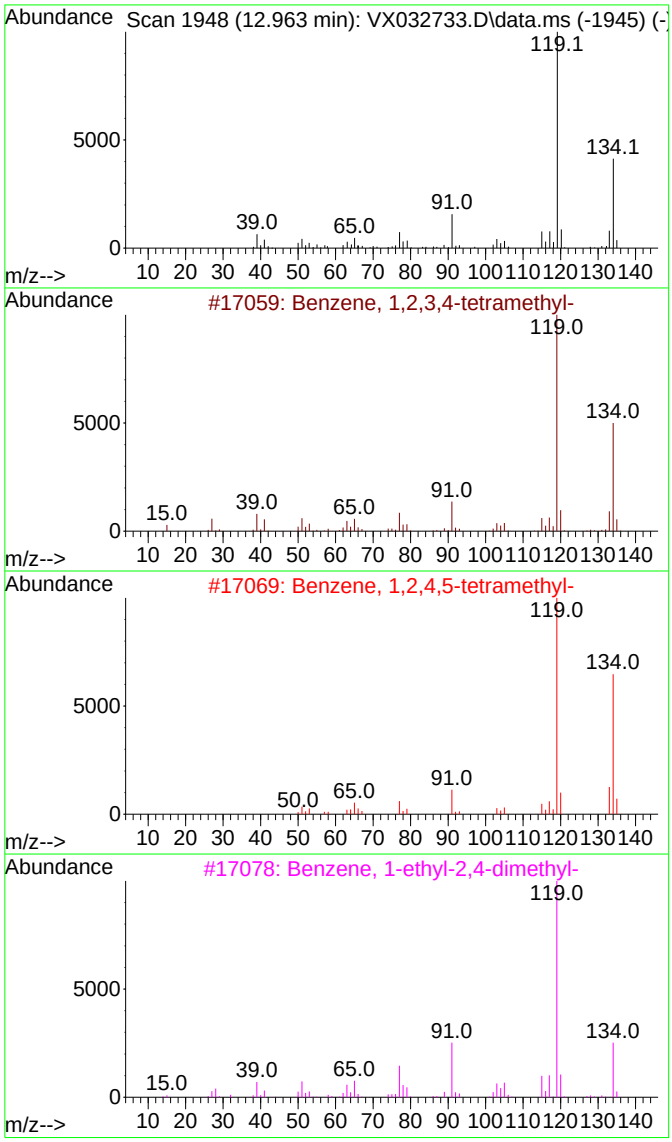
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

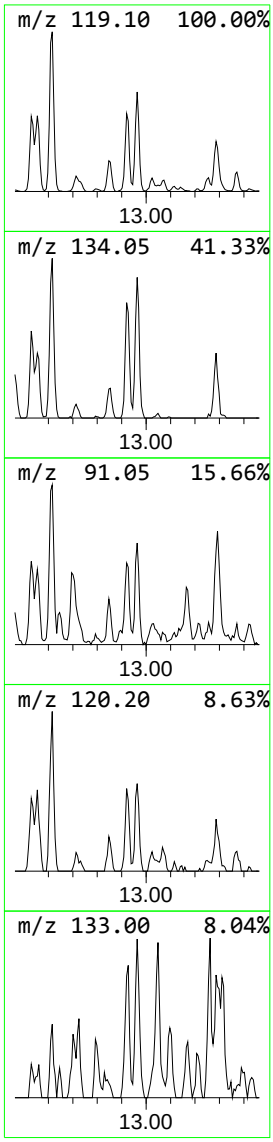
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	23.49 ug/l	58792	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	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
Data File : VX032733.D
Acq On : 10 Nov 2022 17:04
Operator : JC/MD
Sample : N5500-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

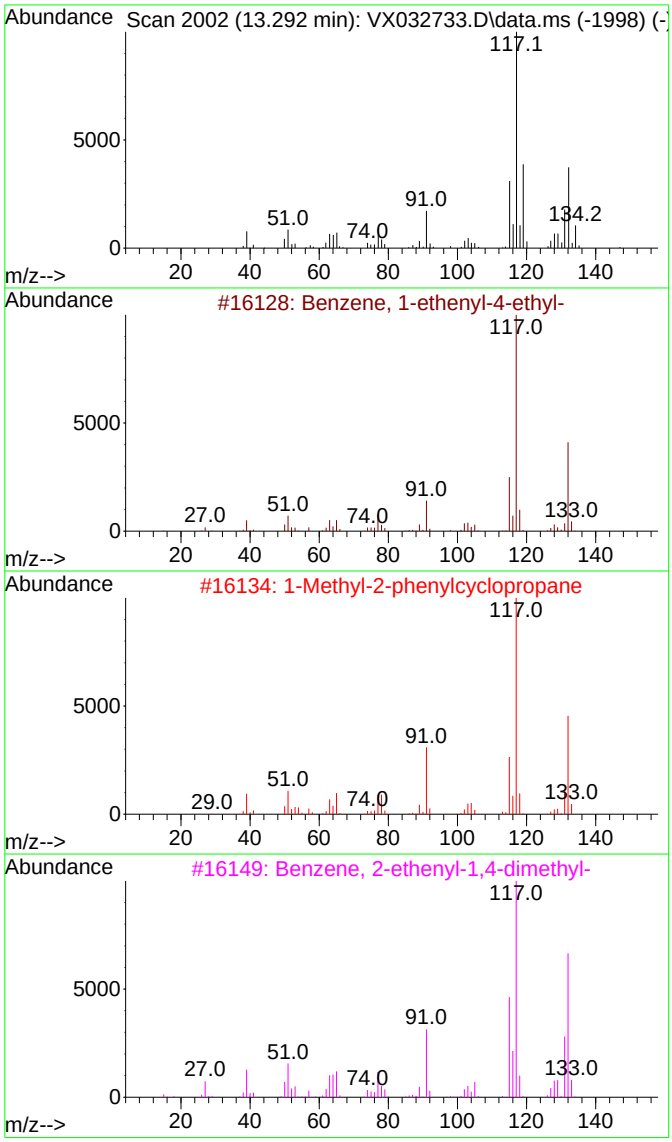
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260

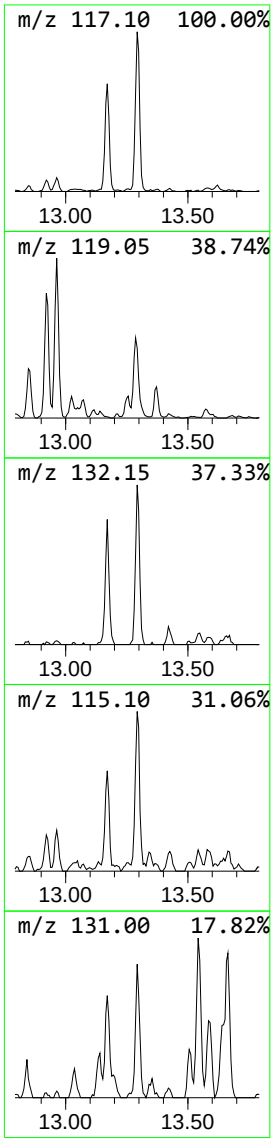
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	38.28 ug/l	95799	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
2	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	70
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
Data File : VX032733.D
Acq On : 10 Nov 2022 17:04
Operator : JC/MD
Sample : N5500-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NWB-1851RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.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
Benzene, 1-ethy...	11.378	75.5	ug/l	188911	4	12.024	125118	50.0
Benzene, 1-ethy...	11.616	42.4	ug/l	106140	4	12.024	125118	50.0
Eucalyptol	12.104	162.9	ug/l	407526	4	12.024	125118	50.0
Indane	12.244	53.7	ug/l	134449	4	12.024	125118	50.0
Benzene, 2-ethy...	12.530	20.0	ug/l	50107	4	12.024	125118	50.0
o-Cymene	12.616	38.1	ug/l	95283	4	12.024	125118	50.0
(E)-1-Phenyl-1-...	12.701	28.3	ug/l	70815	4	12.024	125118	50.0
Benzene, 1,2,4,...	12.921	19.8	ug/l	49556	4	12.024	125118	50.0
Benzene, 1,2,3,...	12.963	23.5	ug/l	58792	4	12.024	125118	50.0
Benzene, 1-ethe...	13.292	38.3	ug/l	95799	4	12.024	125118	50.0