LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021571.D
Acq On : 29 Mar 2021 12:55
Operator : JC/MD
Sample : M1785-10 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

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\82X032421W.M
Title : SW846 8260

Signal : TIC: VX021571.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.464	732	744	761	rBV2	44621	128488	18.53%	2.385%
2	5.629	761	772	786	rVB	66622	186216	26.85%	3.457%
3	6.029	830	840	857	rBV	49351	131520	18.97%	2.442%
4	6.829	965	976	987	rBV	113210	265005	38.21%	4.920%
5	8.694	1286	1293	1310	rVB	236999	366090	52.79%	6.796%
6	10.094	1525	1531	1540	rBV	256251	345118	49.77%	6.407%
7	10.235	1548	1555	1559	rVB	10155	15637	2.25%	0.290%
8	10.341	1563	1573	1579	rBV3	18531	39138	5.64%	0.727%
9	10.494	1592	1599	1604	rVB2	5179	7738	1.12%	0.144%
10	10.630	1608	1622	1629	rBV5	12072	33892	4.89%	0.629%
11	10.794	1639	1650	1651	rBV4	6452	10097	1.46%	0.187%
12	10.818	1651	1654	1659	rVB	21423	26615	3.84%	0.494%
13	10.894	1659	1667	1671	rBV3	18273	29260	4.22%	0.543%
14	11.000	1680	1685	1690	rBV	211622	265037	38.22%	4.920%
15	11.118	1700	1705	1710	rBV	213641	274659	39.61%	5.099%
16	11.165	1710	1713	1717	rVB2	12959	16665	2.40%	0.309%
17	11.259	1721	1729	1733	rBV5	15872	29635	4.27%	0.550%
18	11.341	1738	1743	1752	rBV	345520	420901	60.69%	7.814%
19	11.436	1754	1759	1763	rBV2	24714	34664	5.00%	0.644%
20	11.659	1791	1797	1804	rVB5	12708	23705	3.42%	0.440%
21	11.753	1804	1813	1815	rBV	34899	46857	6.76%	0.870%
22	11.789	1815	1819	1825	rVV	582082	693485	100.00%	12.874%
23	11.900	1829	1838	1840	rBV	51307	69523	10.03%	1.291%
24	11.930	1840	1843	1848	rVB	91528	110264	15.90%	2.047%
25	12.059	1860	1865	1871	rBV	267569	322603	46.52%	5.989%
26	12.124	1871	1876	1881	rVB	46259	56673	8.17%	1.052%
27	12.218	1886	1892	1897	rVB	45646	57930	8.35%	1.075%
28	12.283	1897	1903	1908	rBV	331532	400716	57.78%	7.439%
29	12.353	1909	1915	1916	rBV	42248	54272	7.83%	1.008%
30	12.442	1924	1930	1937	rBV	47832	60972	8.79%	1.132%
31	12.571	1947	1952	1954	rBV	22209	31207	4.50%	0.579%
32	12.595	1954	1956	1960	rVV	21381	21683	3.13%	0.403%
33	12.653	1960	1966	1969	rVV	155968	194209	28.00%	3.605%
34	12.683	1969	1971	1976	rVV	43780	51490	7.42%	0.956%
35	12.742	1976	1981	1988	rVB3	118474	199733	28.80%	3.708%
36	12.877	1996	2004	2009	rVB2	26201	39197	5.65%	0.728%

LSC Area Percent Report

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Data File : VX021571.D
Acq On : 29 Mar 2021 12:55
Operator : JC/MD
Sample : M1785-10 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

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\82X032421W.M
Title : SW846 8260

37	12.959	2010	2018	2022	rBV	69404	92337	13.31%	1.714%
38	13.001	2022	2025	2031	rVB	26507	33124	4.78%	0.615%
39	13.065	2031	2036	2043	rVB3	8126	12383	1.79%	0.230%
40	13.130	2043	2047	2051	rBV	6244	8745	1.26%	0.162%
41	13.177	2051	2055	2057	rBV2	7744	9332	1.35%	0.173%
42	13.206	2057	2060	2063	rVB	7238	7987	1.15%	0.148%
43	13.324	2075	2080	2087	rVB2	72148	103588	14.94%	1.923%
44	13.459	2099	2103	2107	rVB	13343	17325	2.50%	0.322%
45	13.624	2126	2131	2135	rVB4	5270	7567	1.09%	0.140%
46	13.701	2142	2144	2155	rVB5	3784	7003	1.01%	0.130%
47	13.812	2155	2163	2169	rVB	18040	26278	3.79%	0.488%

Sum of corrected areas: 5386563

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
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Acq On : 29 Mar 2021 12:55
Operator : JC/MD
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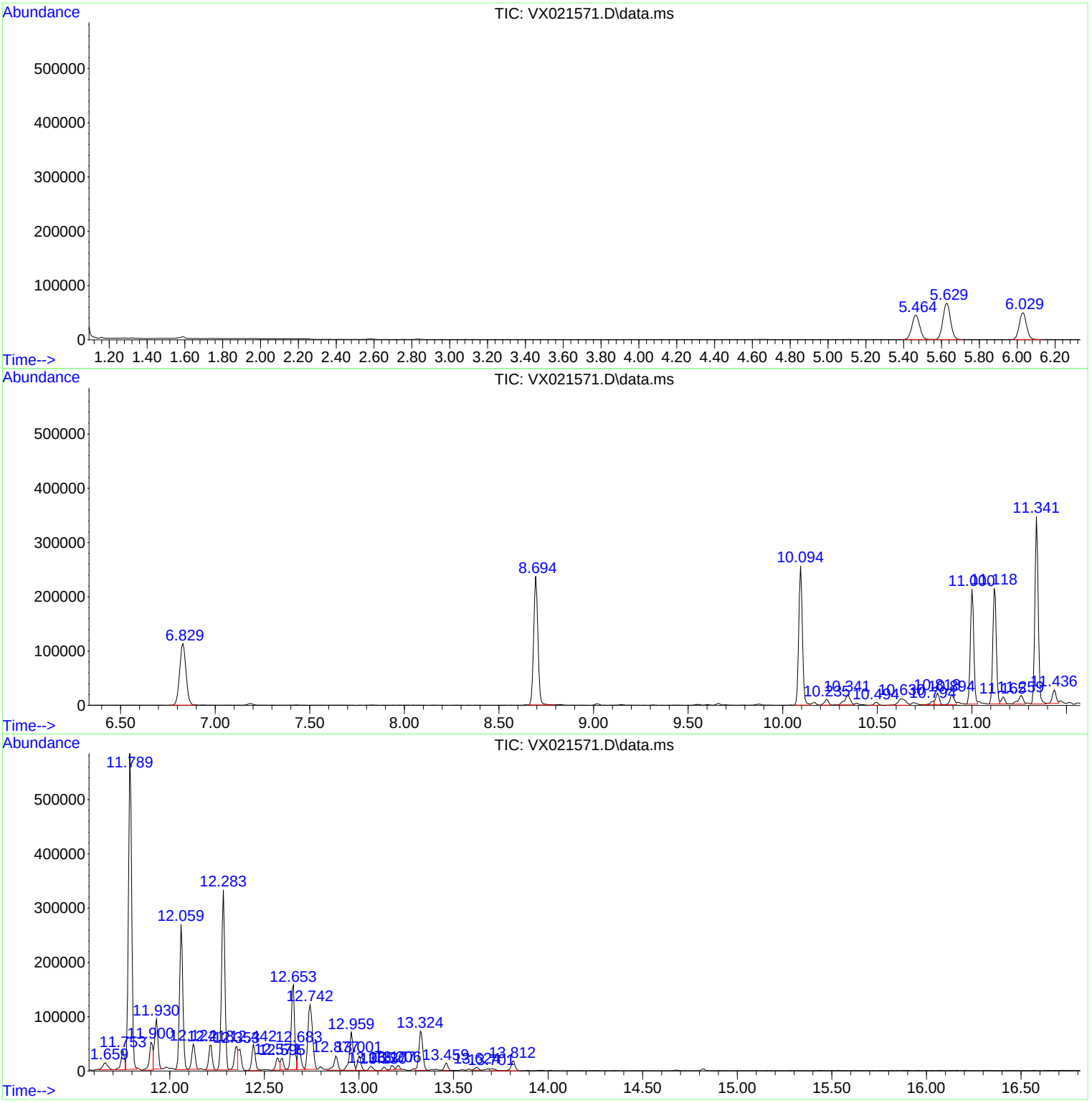
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021571.D
Acq On : 29 Mar 2021 12:55
Operator : JC/MD
Sample : M1785-10 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

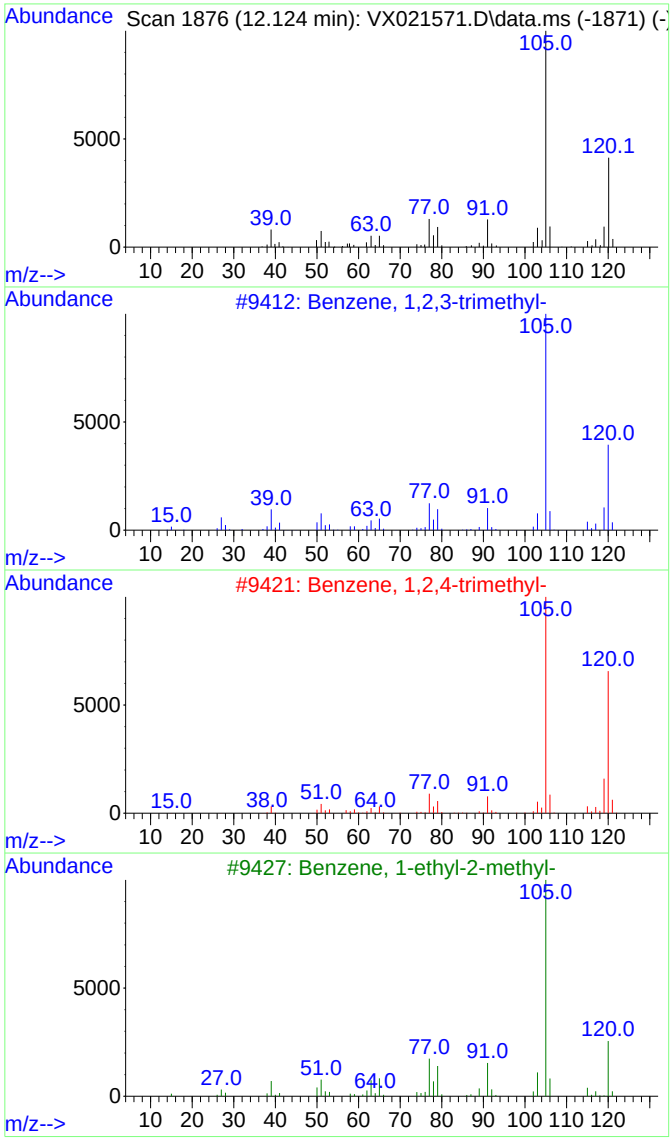
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

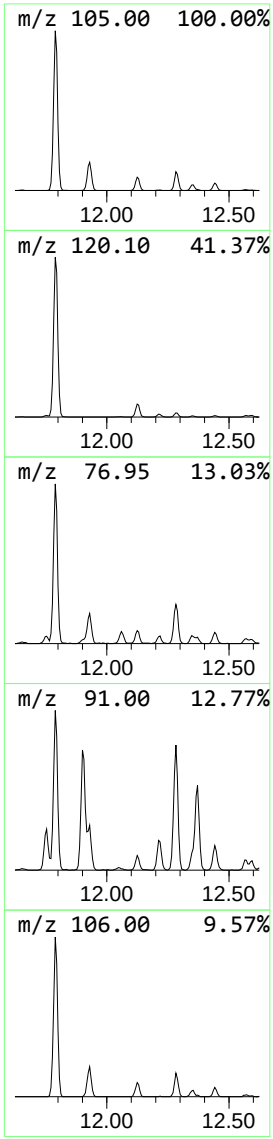
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.124	8.78 ug/l	56673	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021571.D
Acq On : 29 Mar 2021 12:55
Operator : JC/MD
Sample : M1785-10 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

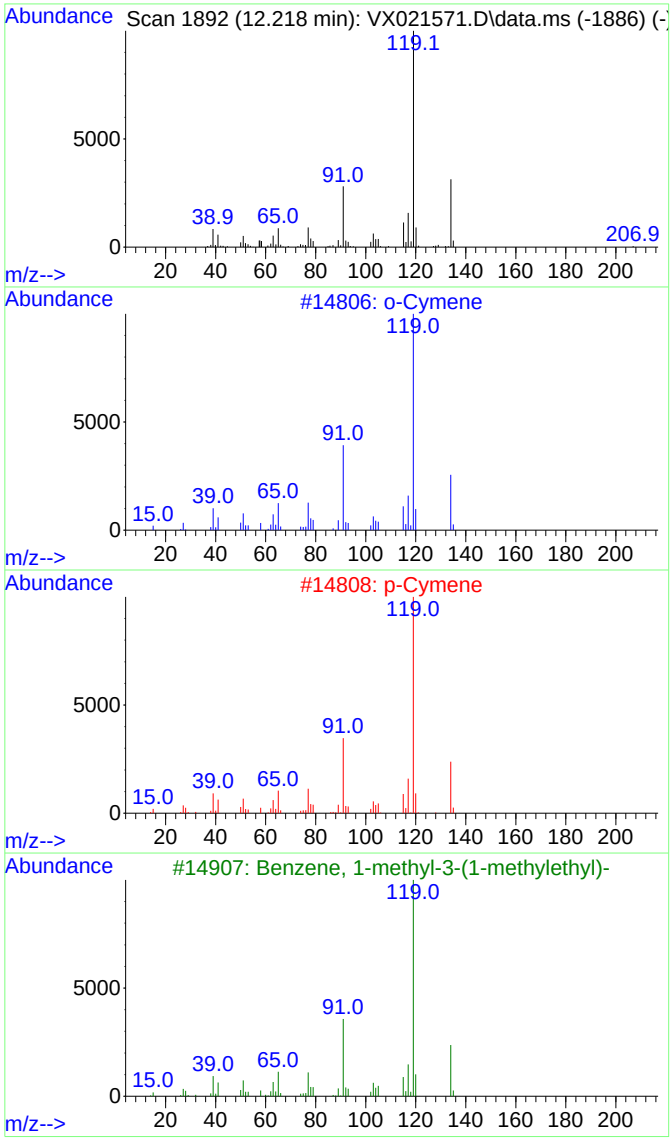
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

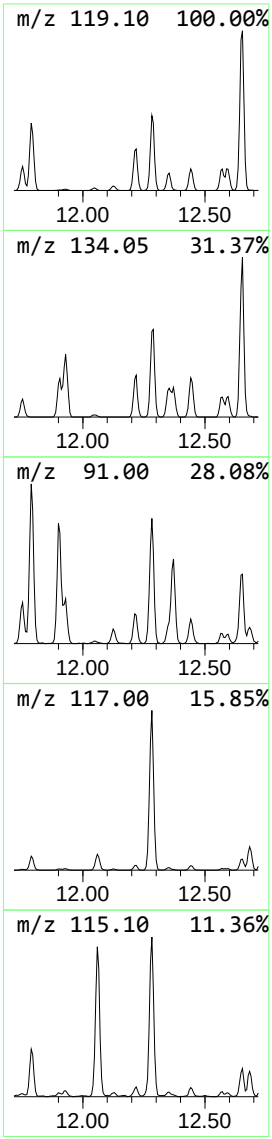
****

Peak Number 2 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.218	8.98 ug/l	57930	1,4-Dichlorobenzene-d4	12.059

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	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021571.D
Acq On : 29 Mar 2021 12:55
Operator : JC/MD
Sample : M1785-10 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1

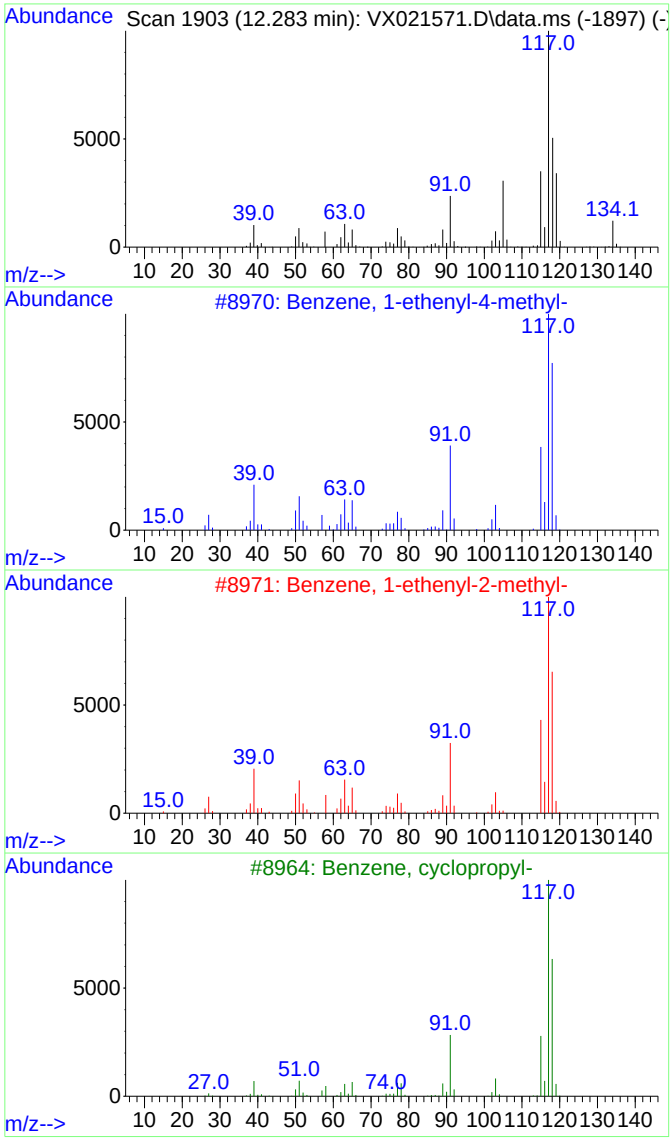
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

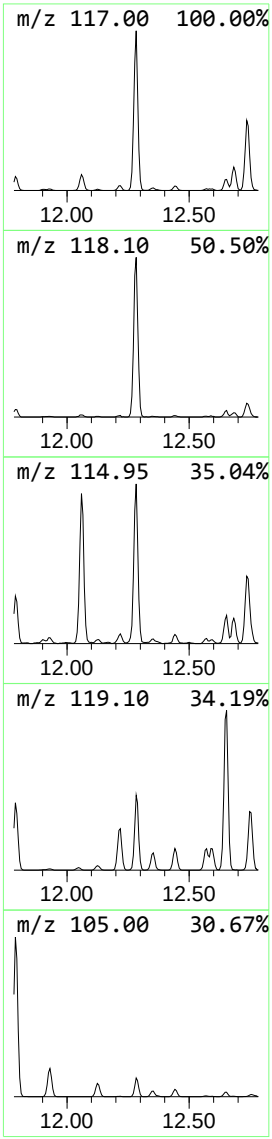
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.283	62.11 ug/l	400716	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	86
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021571.D
Acq On : 29 Mar 2021 12:55
Operator : JC/MD
Sample : M1785-10 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

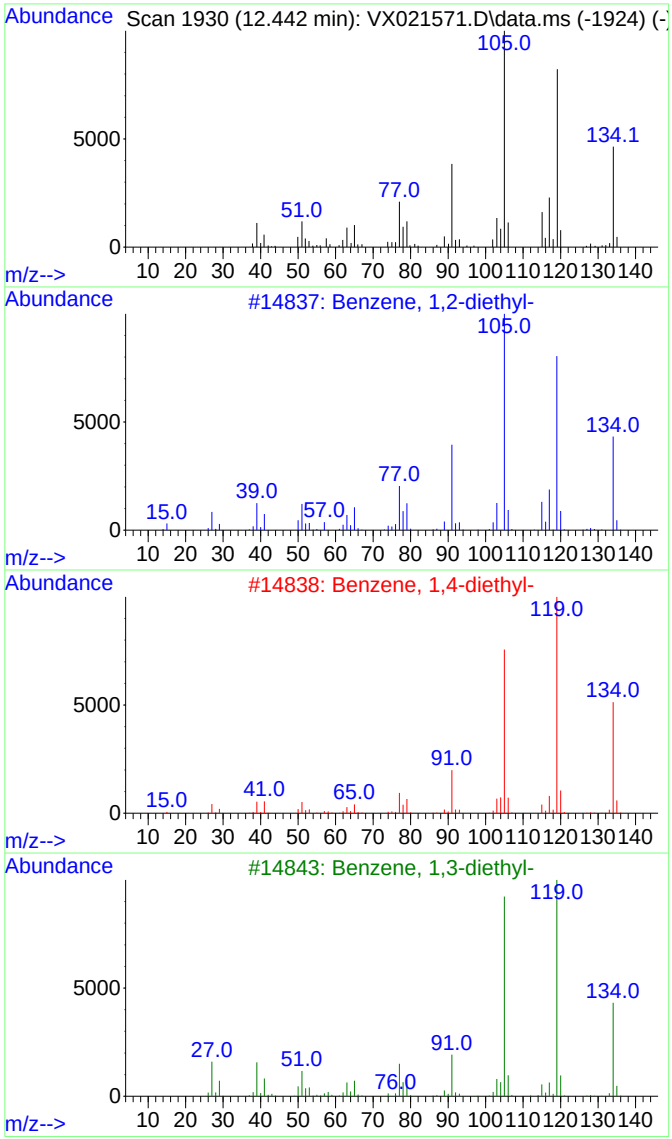
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

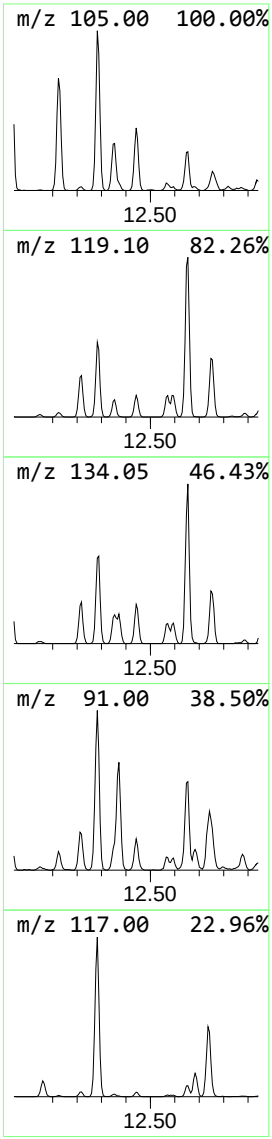
****

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.442	9.45 ug/l	60972	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	74
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021571.D
Acq On : 29 Mar 2021 12:55
Operator : JC/MD
Sample : M1785-10 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1

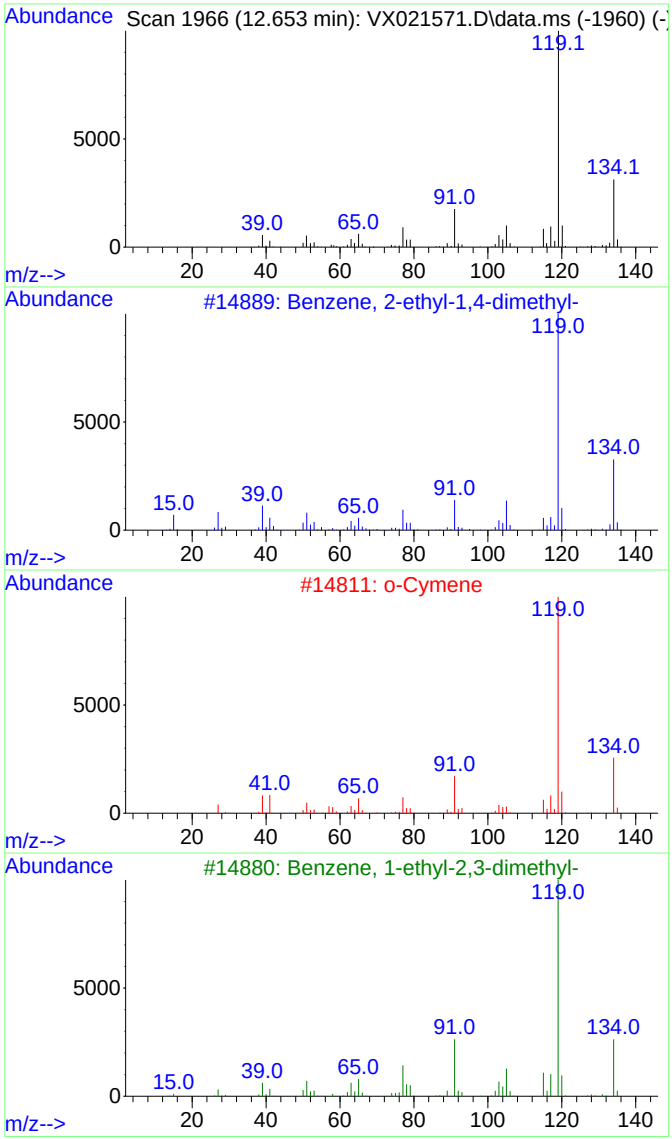
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

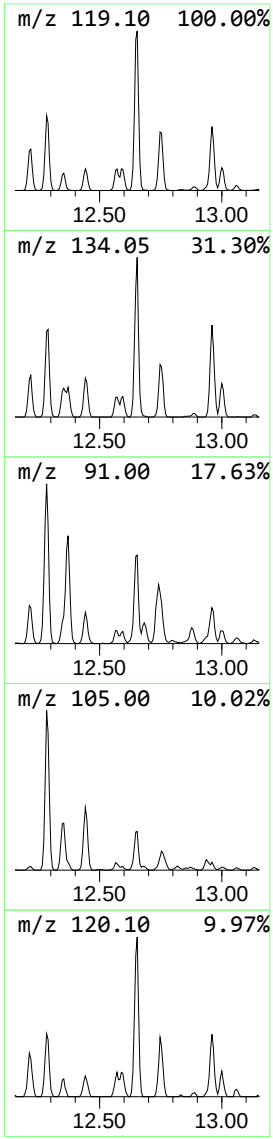
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.653	30.10 ug/l	194209	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	p-Cymene	134	C10H14	000099-87-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

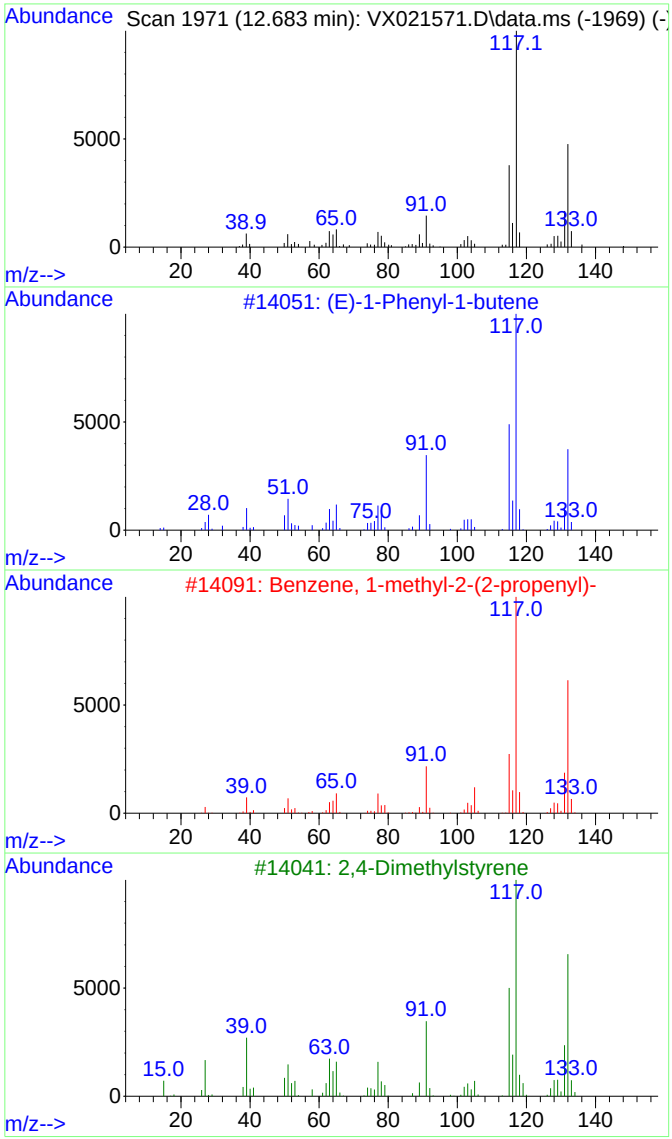
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

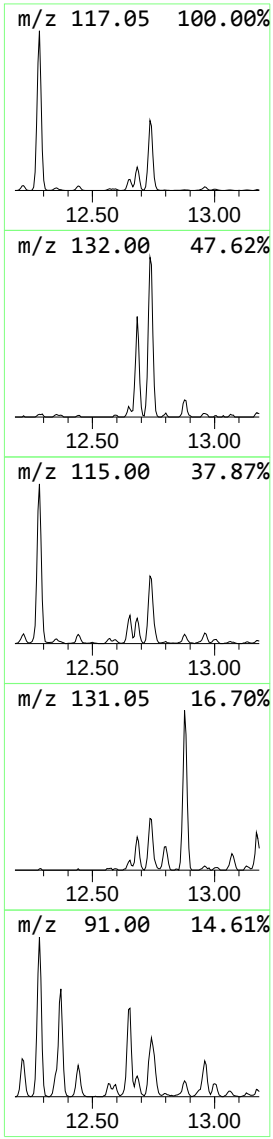
****

Peak Number 6 (E)-1-Phenyl-1-butene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.683	7.98 ug/l	51490	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	93
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91





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Instrument :
MSVOA_X
ClientSampleId :
MW-1

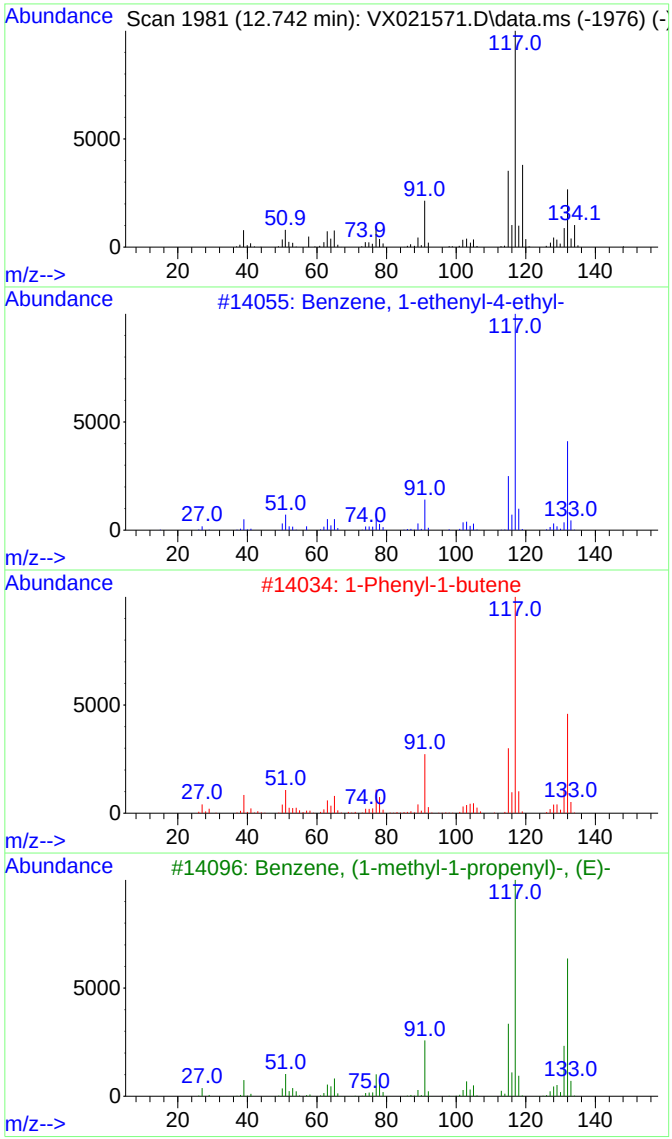
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

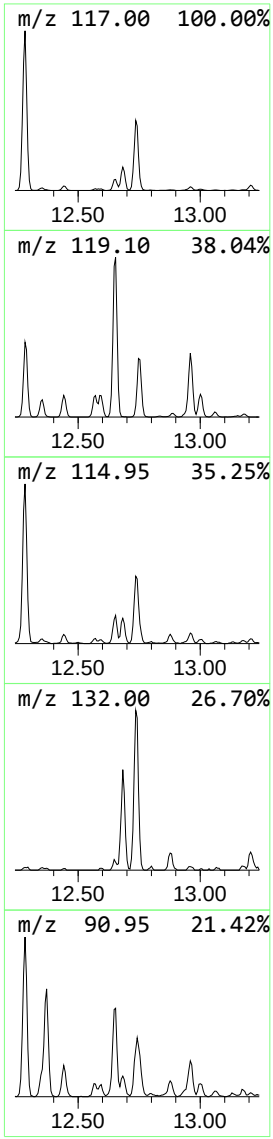
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.742	30.96 ug/l	199733	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021571.D
Acq On : 29 Mar 2021 12:55
Operator : JC/MD
Sample : M1785-10 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1

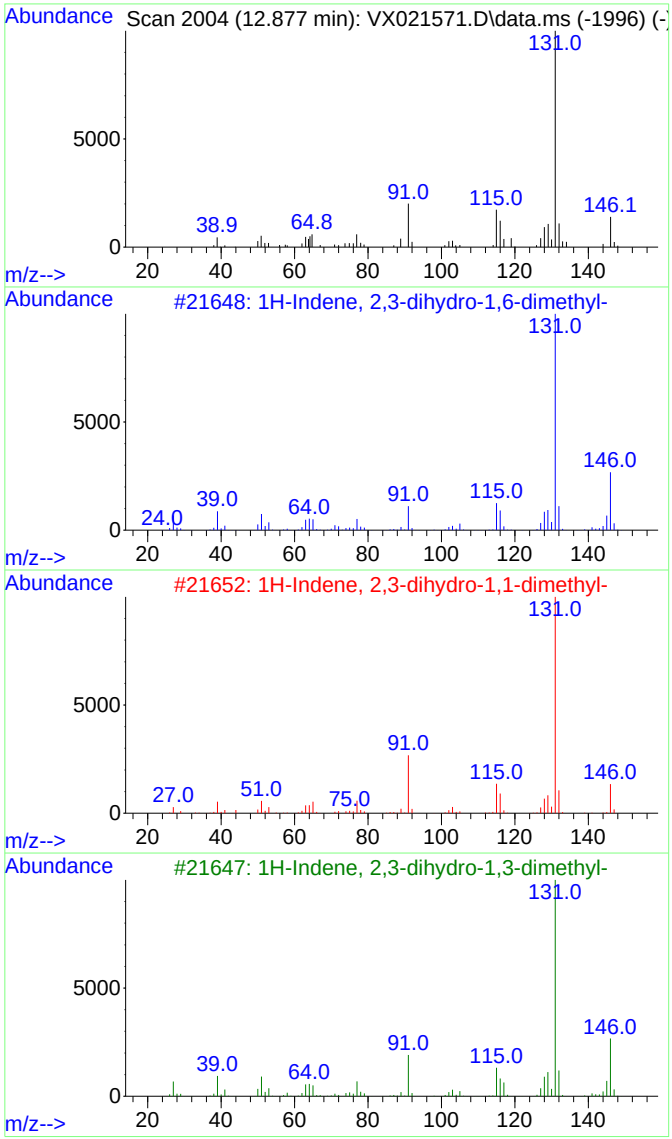
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

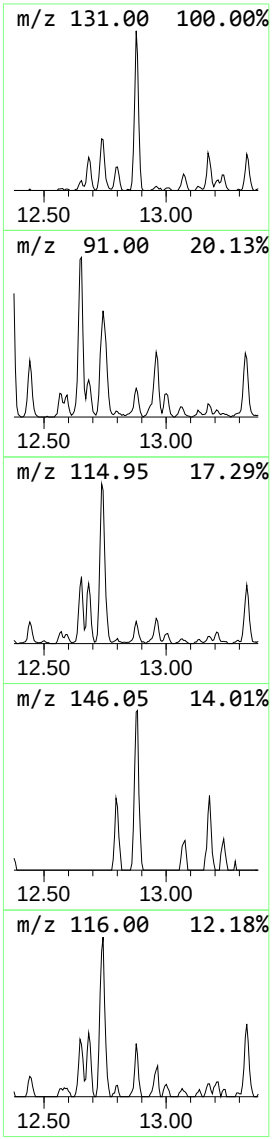
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.877	6.08 ug/l	39197	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	96
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	94
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	90
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90





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Data File : VX021571.D
Acq On : 29 Mar 2021 12:55
Operator : JC/MD
Sample : M1785-10 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1

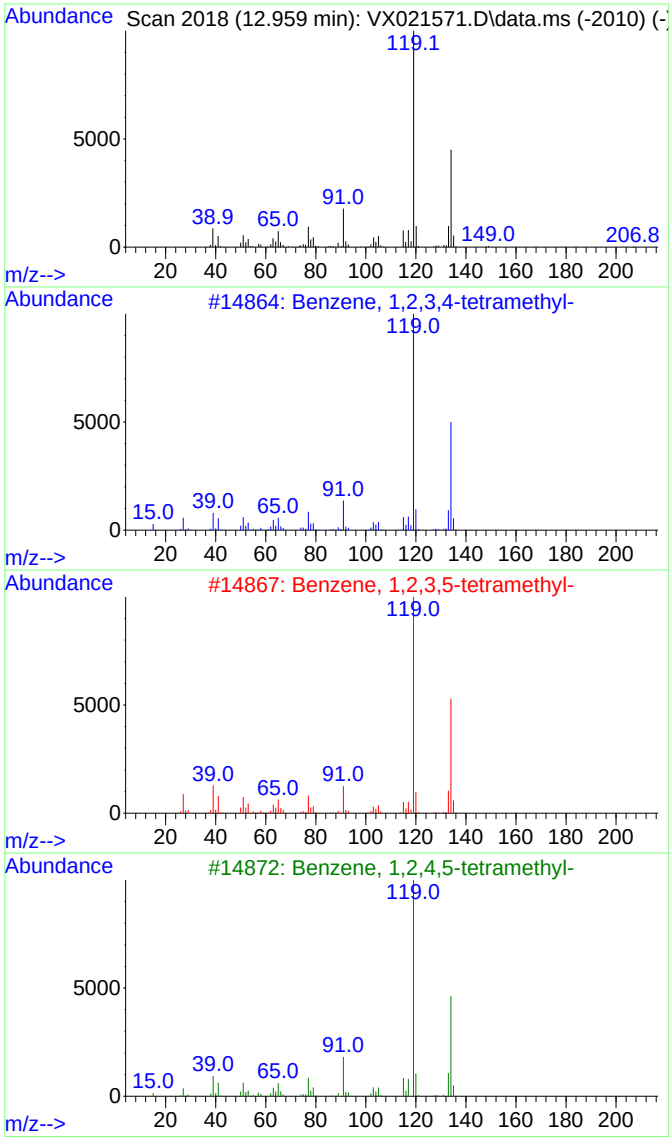
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

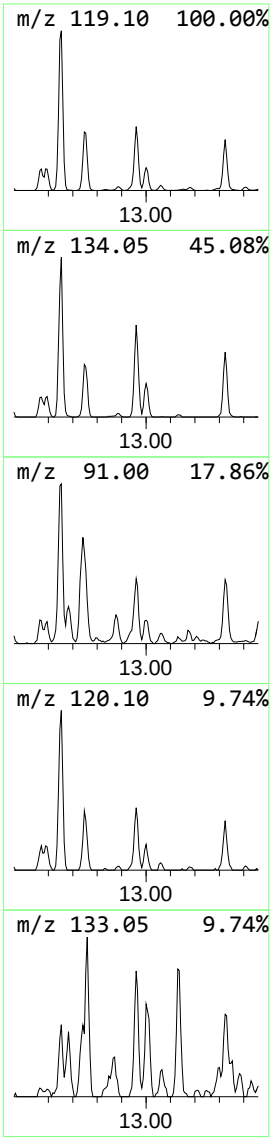
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.959	14.31 ug/l	92337	1,4-Dichlorobenzene-d4	12.059

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	96
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021571.D
Acq On : 29 Mar 2021 12:55
Operator : JC/MD
Sample : M1785-10 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1

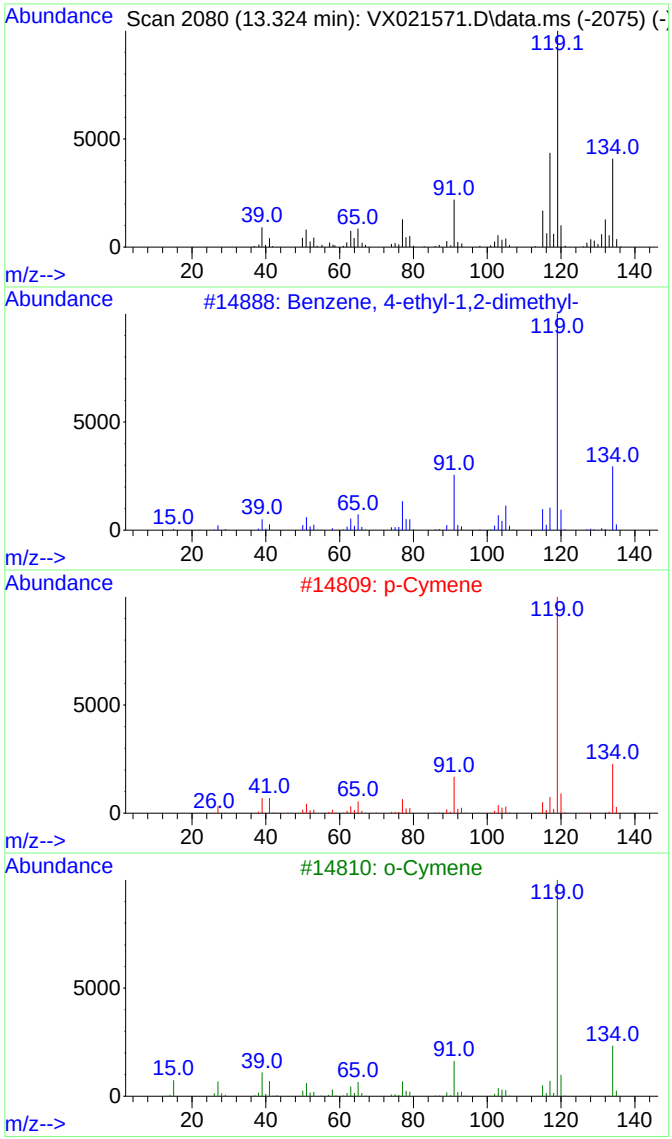
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

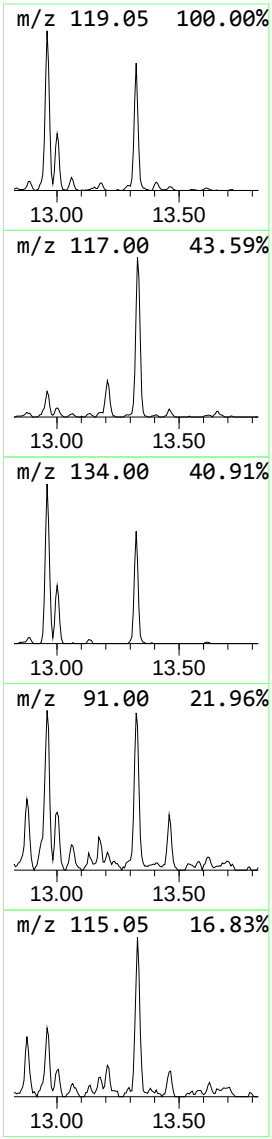
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.324	16.06 ug/l	103588	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
2	p-Cymene	134	C10H14	000099-87-6	70
3	o-Cymene	134	C10H14	000527-84-4	70
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021571.D
Acq On : 29 Mar 2021 12:55
Operator : JC/MD
Sample : M1785-10 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,2,3-...	12.124	8.8	ug/l	56673	4	12.059	322603	50.0
o-Cymene	12.218	9.0	ug/l	57930	4	12.059	322603	50.0
Benzene, 1-ethe...	12.283	62.1	ug/l	400716	4	12.059	322603	50.0
Benzene, 1,2-di...	12.442	9.4	ug/l	60972	4	12.059	322603	50.0
Benzene, 2-ethy...	12.653	30.1	ug/l	194209	4	12.059	322603	50.0
(E)-1-Phenyl-1-...	12.683	8.0	ug/l	51490	4	12.059	322603	50.0
Benzene, 1-ethe...	12.742	31.0	ug/l	199733	4	12.059	322603	50.0
1H-Indene, 2,3-...	12.877	6.1	ug/l	39197	4	12.059	322603	50.0
Benzene, 1,2,3,...	12.959	14.3	ug/l	92337	4	12.059	322603	50.0
Benzene, 4-ethy...	13.324	16.1	ug/l	103588	4	12.059	322603	50.0