LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
Data File : VX021631.D
Acq On : 30 Mar 2021 15:50
Operator : JC/MD
Sample : M1785-17 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FD-032321

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: VX021631.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.470	734	745	758	rBV	46806	132862	12.57%	1.759%
2	5.635	761	773	790	rVB	65899	187200	17.71%	2.478%
3	6.035	830	841	852	rBV	50587	132780	12.56%	1.758%
4	6.835	967	977	986	rBV	111923	269565	25.50%	3.569%
5	8.694	1287	1293	1303	rBV	240230	374605	35.44%	4.960%
6	10.094	1526	1531	1541	rBV	274586	364699	34.50%	4.828%
7	10.235	1548	1555	1560	rBV	14364	21827	2.06%	0.289%
8	10.341	1560	1573	1579	rVV	77787	127045	12.02%	1.682%
9	10.624	1613	1621	1628	rBV3	13312	27783	2.63%	0.368%
10	10.818	1646	1654	1659	rBV2	35876	54316	5.14%	0.719%
11	10.894	1659	1667	1671	rVV3	28574	47581	4.50%	0.630%
12	10.930	1671	1673	1679	rVB2	13714	18166	1.72%	0.241%
13	11.000	1679	1685	1690	rBV	142222	182016	17.22%	2.410%
14	11.065	1694	1696	1700	rVV	10372	12422	1.18%	0.164%
15	11.118	1700	1705	1710	rVV	241286	310011	29.33%	4.104%
16	11.165	1710	1713	1717	rVB3	9975	12004	1.14%	0.159%
17	11.259	1721	1729	1738	rVB4	25069	39569	3.74%	0.524%
18	11.341	1738	1743	1751	rBV	264429	334076	31.60%	4.423%
19	11.418	1751	1756	1761	rVV	129348	167602	15.86%	2.219%
20	11.488	1761	1768	1777	rVB	199730	281689	26.65%	3.729%
21	11.653	1791	1796	1803	rVB6	19460	40085	3.79%	0.531%
22	11.718	1803	1807	1809	rBV2	9002	10965	1.04%	0.145%
23	11.753	1809	1813	1815	rVV	61768	74233	7.02%	0.983%
24	11.788	1815	1819	1829	rVB	866144	1057069	100.00%	13.995%
25	11.877	1829	1834	1835	rBV	9885	12355	1.17%	0.164%
26	11.906	1835	1839	1840	rVV	38482	51866	4.91%	0.687%
27	11.930	1840	1843	1848	rVV	97478	121231	11.47%	1.605%
28	11.983	1848	1852	1854	rVV	23079	33073	3.13%	0.438%
29	12.006	1854	1856	1860	rVV	41426	48650	4.60%	0.644%
30	12.059	1860	1865	1871	rVV	306767	383680	36.30%	5.080%
31	12.124	1871	1876	1884	rVV	332964	403362	38.16%	5.340%
32	12.218	1887	1892	1898	rVB	37014	56306	5.33%	0.745%
33	12.283	1898	1903	1911	rBV2	314614	434380	41.09%	5.751%
34	12.353	1911	1915	1923	rVB3	109140	202353	19.14%	2.679%
35	12.442	1923	1930	1937	rBV2	57258	84661	8.01%	1.121%
36	12.506	1937	1941	1947	rVB5	9055	17912	1.69%	0.237%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
Data File : VX021631.D
Acq On : 30 Mar 2021 15:50
Operator : JC/MD
Sample : M1785-17 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FD-032321

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	12.571	1947	1952	1954	rBV	47814	66697	6.31%	0.883%
38	12.594	1954	1956	1959	rVV	44960	48107	4.55%	0.637%
39	12.653	1961	1966	1969	rVV	192501	251206	23.76%	3.326%
40	12.683	1969	1971	1975	rVV	68045	73616	6.96%	0.975%
41	12.742	1975	1981	1988	rVB3	155467	264578	25.03%	3.503%
42	12.883	1998	2005	2009	rVB2	36054	60843	5.76%	0.806%
43	12.959	2009	2018	2022	rVV	111896	152685	14.44%	2.021%
44	13.000	2022	2025	2032	rVV2	49936	60912	5.76%	0.806%
45	13.065	2032	2036	2041	rVV2	13818	21435	2.03%	0.284%
46	13.130	2041	2047	2051	rVV	12171	17588	1.66%	0.233%
47	13.177	2051	2055	2057	rVV2	18834	22925	2.17%	0.304%
48	13.206	2057	2060	2070	rVB2	25942	39027	3.69%	0.517%
49	13.324	2075	2080	2087	rVB2	194654	278361	26.33%	3.685%
50	13.459	2100	2103	2110	rVB2	12525	17264	1.63%	0.229%
51	13.624	2127	2131	2135	rVV3	13277	18441	1.74%	0.244%
52	13.677	2135	2140	2142	rVV4	7388	11933	1.13%	0.158%
53	13.701	2142	2144	2152	rVB3	12602	17496	1.66%	0.232%

Sum of corrected areas: 7553113

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
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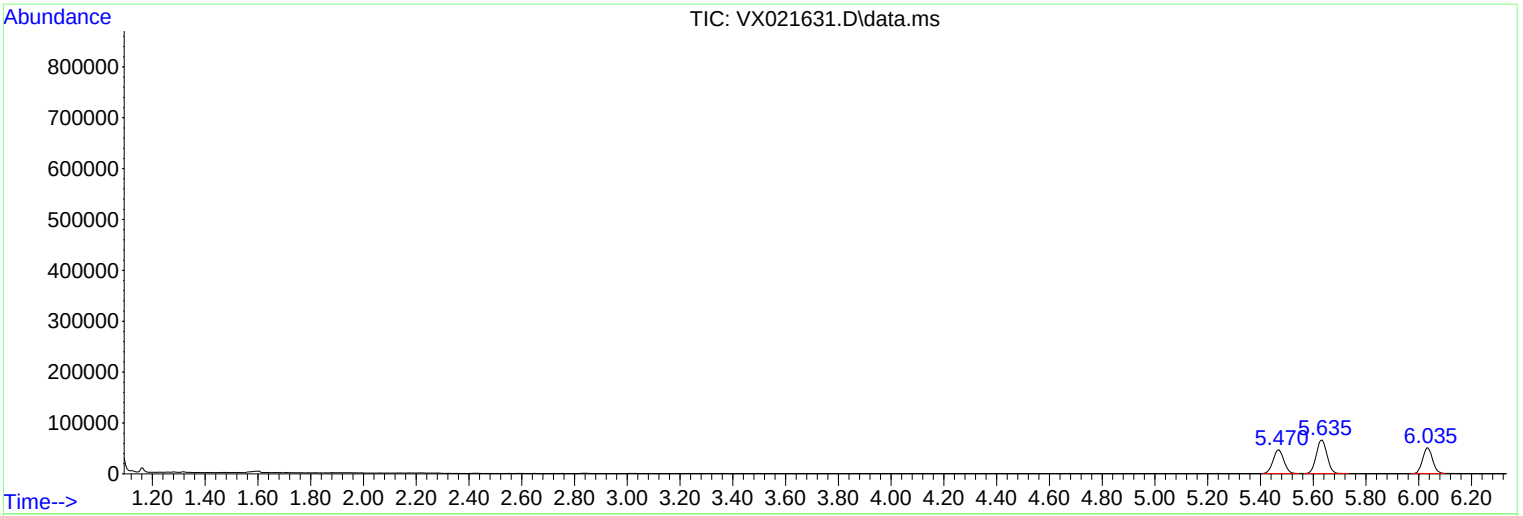
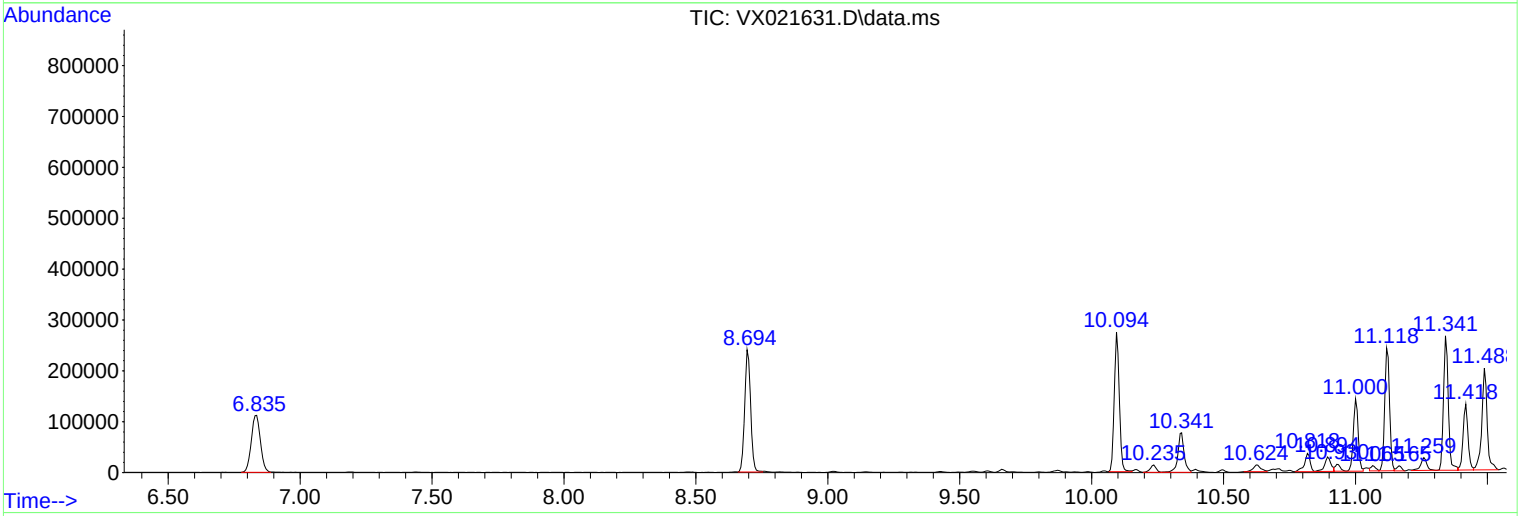
Sample : M1785-17 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

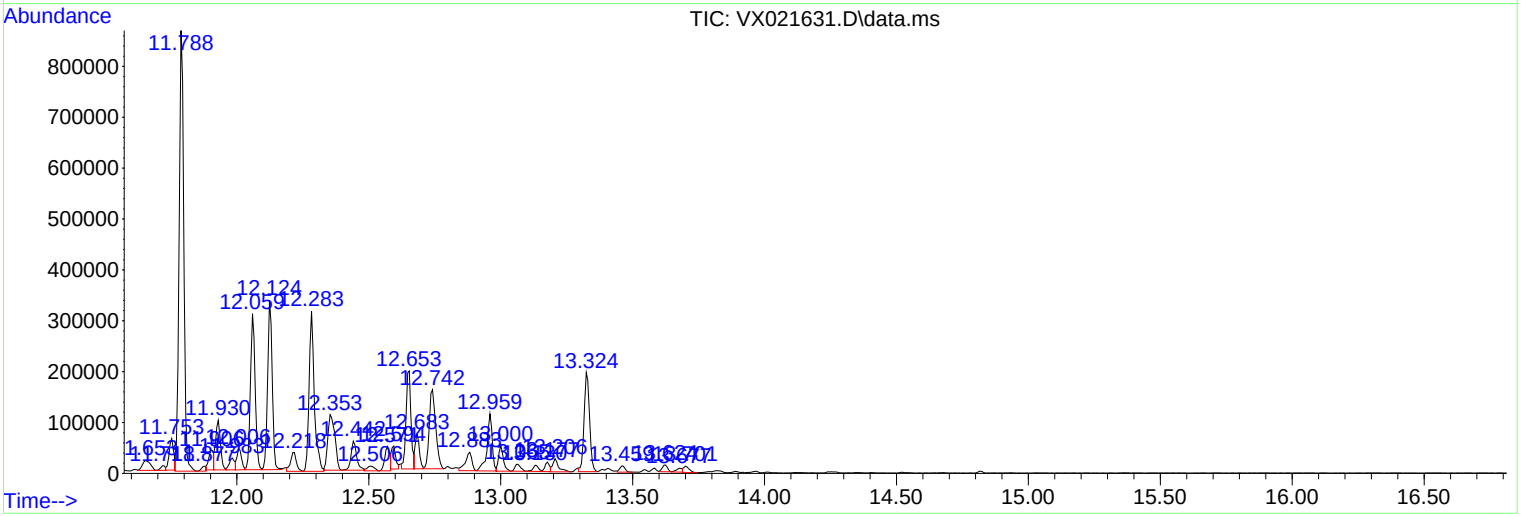
Instrument :
MSVOA_X
ClientSampleId :
FD-032321

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\VX033021\
Data File : VX021631.D
Acq On : 30 Mar 2021 15:50
Operator : JC/MD
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FD-032321

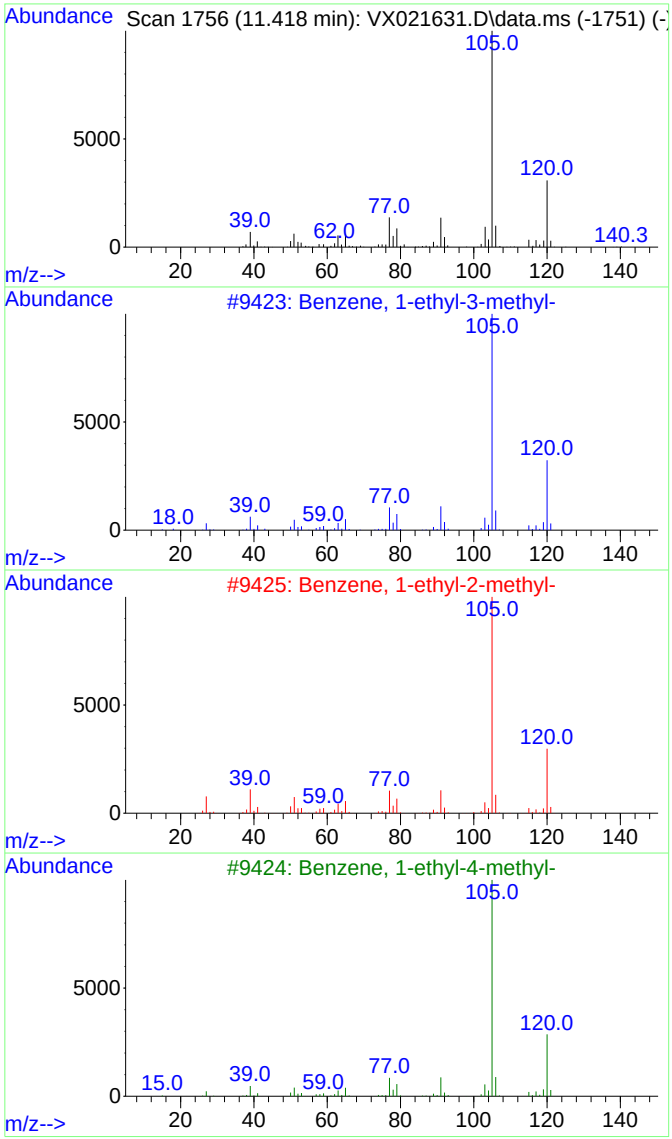
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

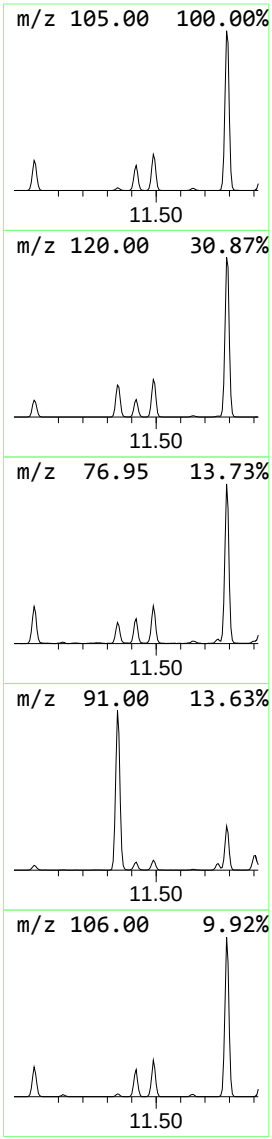
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.418	21.84 ug/l	167602	1,4-Dichlorobenzene-d4	12.059

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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
Data File : VX021631.D
Acq On : 30 Mar 2021 15:50
Operator : JC/MD
Sample : M1785-17 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FD-032321

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

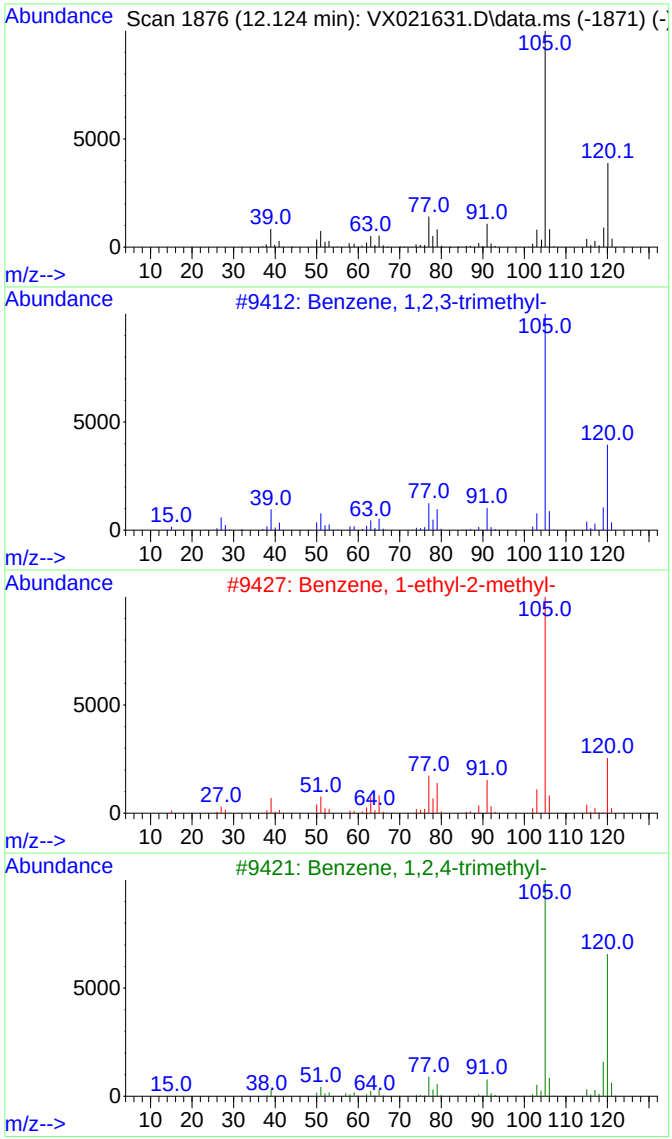
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

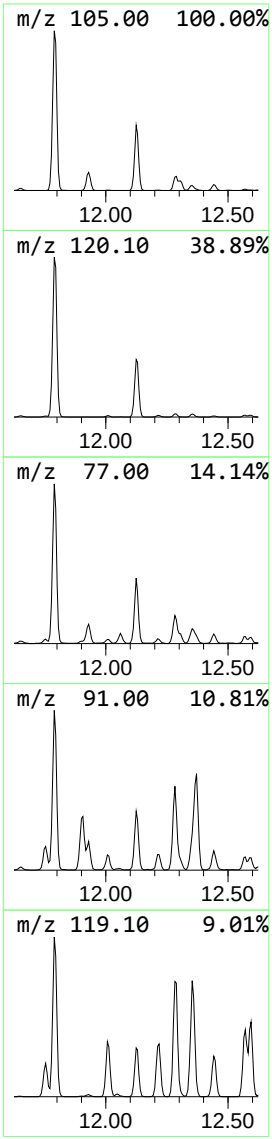
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.124	52.56 ug/l	403362	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-ethyl-2-methyl-	120	C9H12	000611-14-3	93
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	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
Data File : VX021631.D
Acq On : 30 Mar 2021 15:50
Operator : JC/MD
Sample : M1785-17 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FD-032321

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

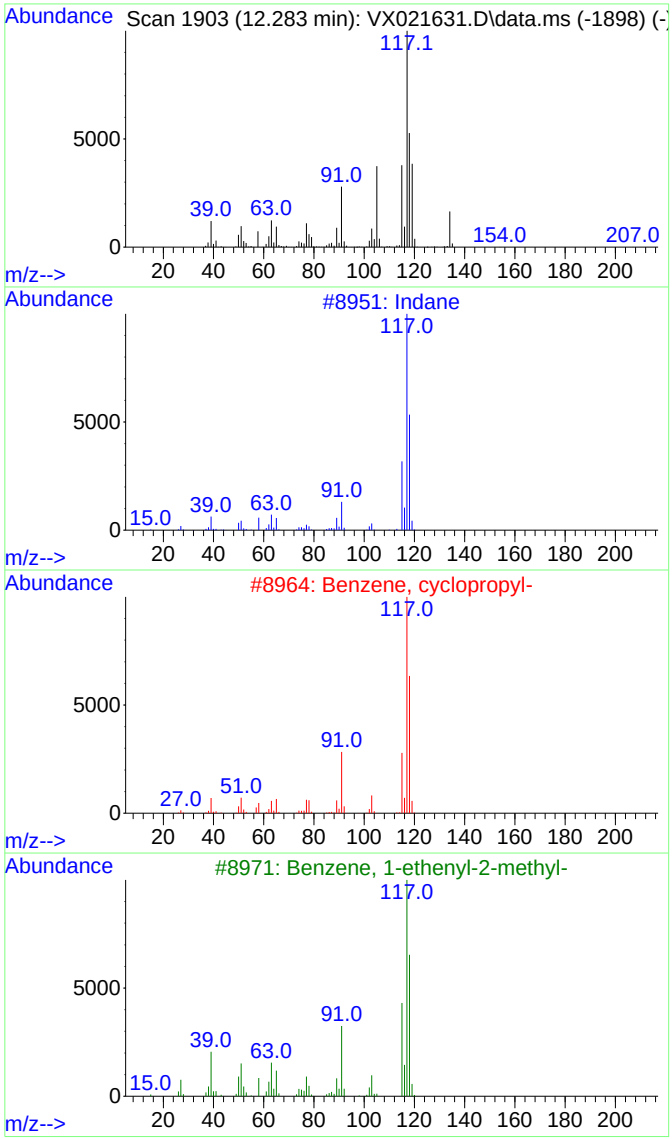
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

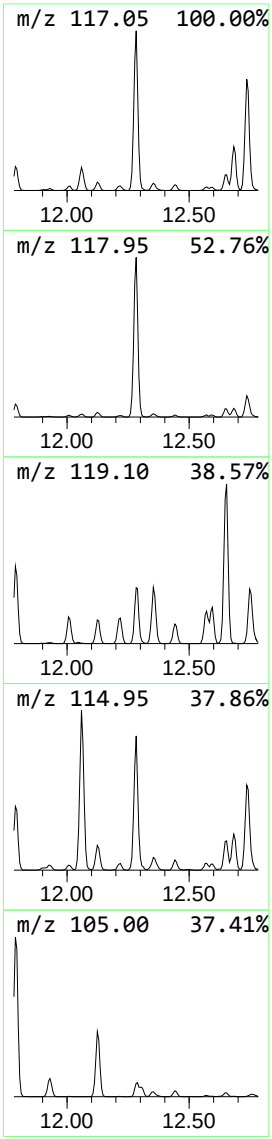
****

Peak Number 3 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.283	56.61 ug/l	434380	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	90
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	55
5	Deltacyclene	118	C9H10	007785-10-6	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
Data File : VX021631.D
Acq On : 30 Mar 2021 15:50
Operator : JC/MD
Sample : M1785-17 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FD-032321

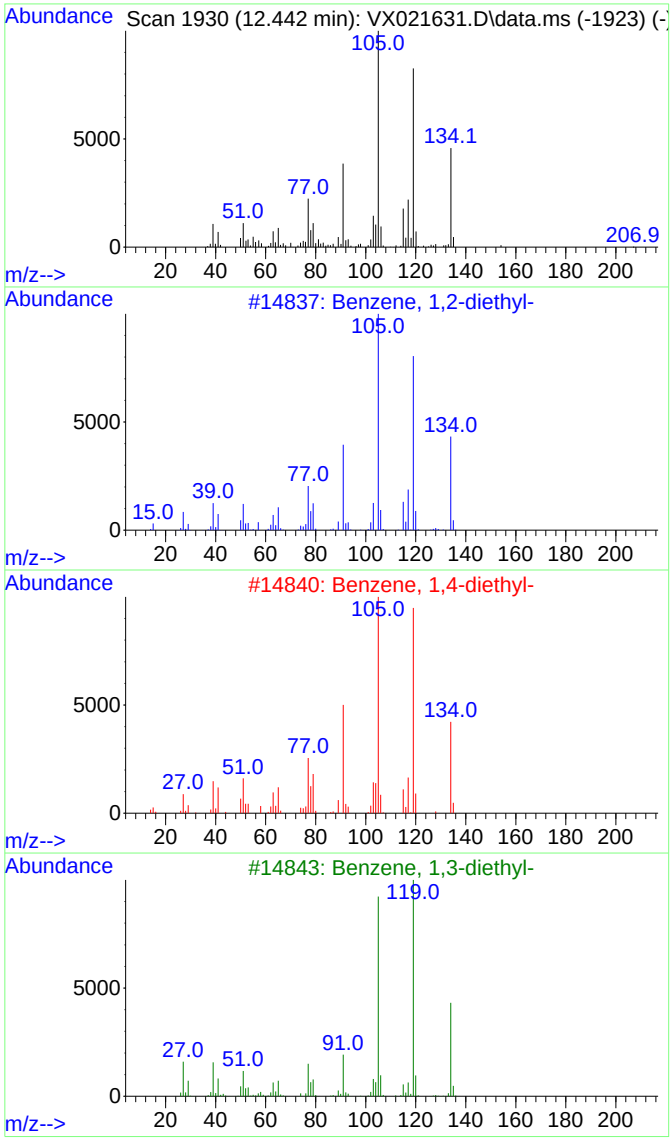
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

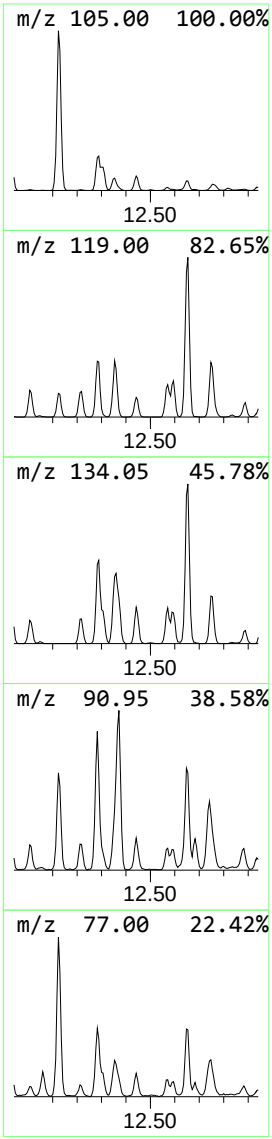
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.442	11.03 ug/l	84661	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	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Ethanone, 1-(3-methylphenyl)-	134	C9H10O	000585-74-0	60
5	o-Cymene	134	C10H14	000527-84-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
Data File : VX021631.D
Acq On : 30 Mar 2021 15:50
Operator : JC/MD
Sample : M1785-17 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FD-032321

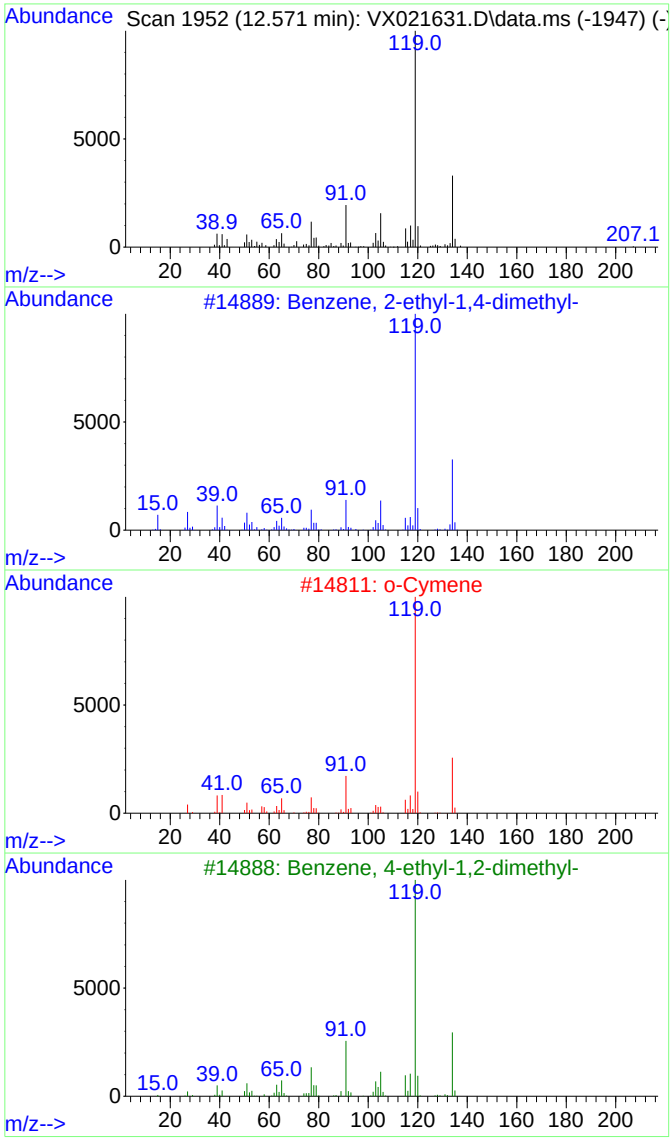
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

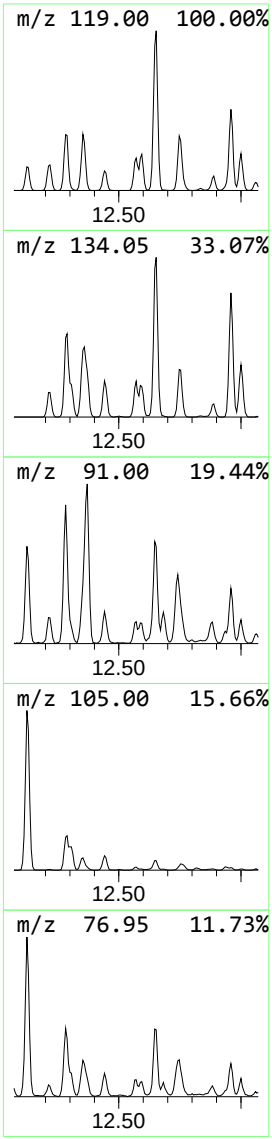
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	8.69 ug/l	66697	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	97
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, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
Data File : VX021631.D
Acq On : 30 Mar 2021 15:50
Operator : JC/MD
Sample : M1785-17 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FD-032321

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

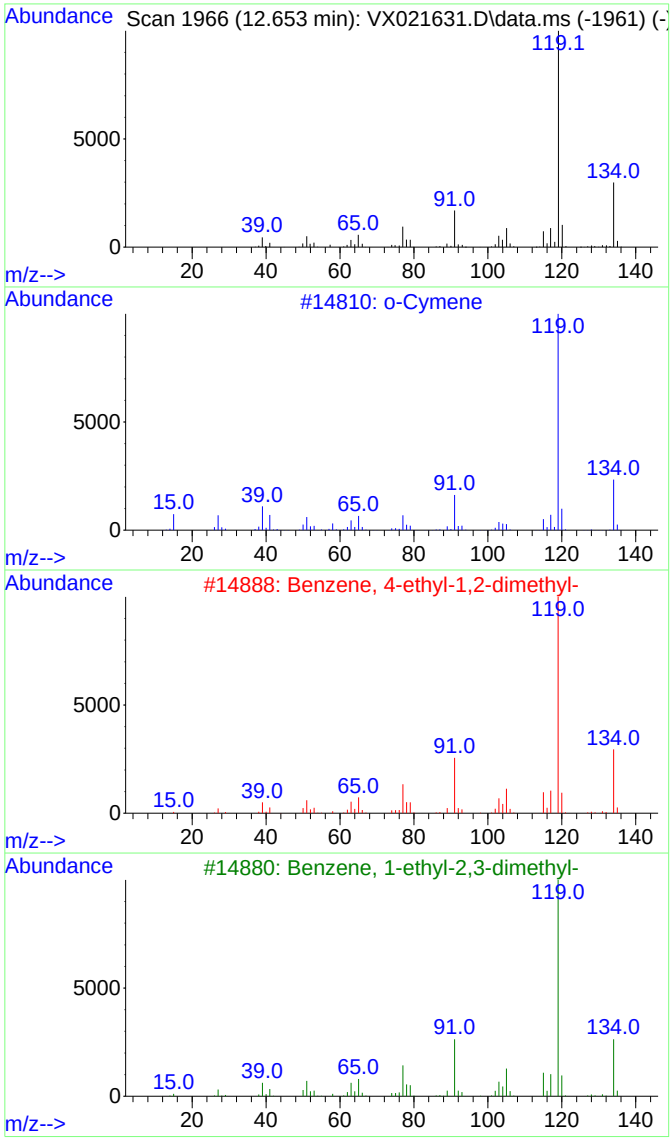
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

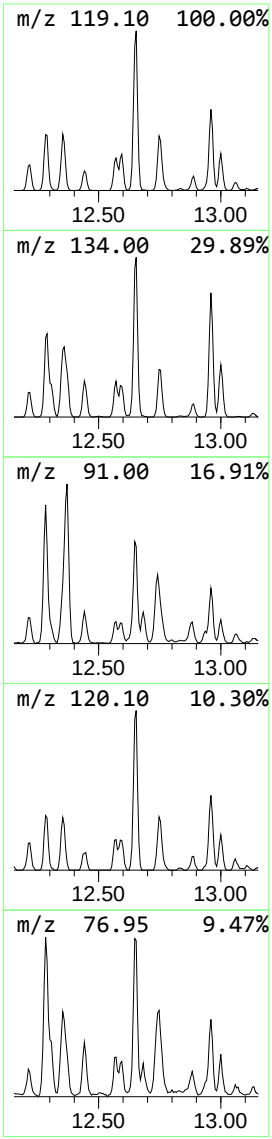
****

Peak Number 6 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.653	32.74 ug/l	251206	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	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	p-Cymene	134	C10H14	000099-87-6	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
Data File : VX021631.D
Acq On : 30 Mar 2021 15:50
Operator : JC/MD
Sample : M1785-17 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FD-032321

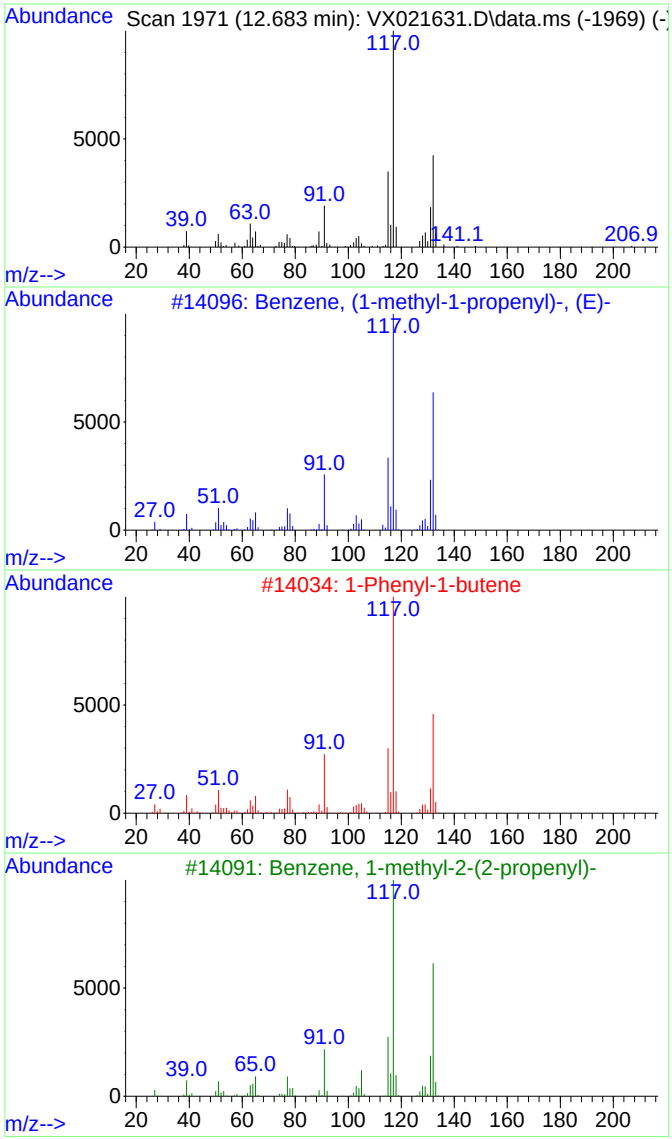
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

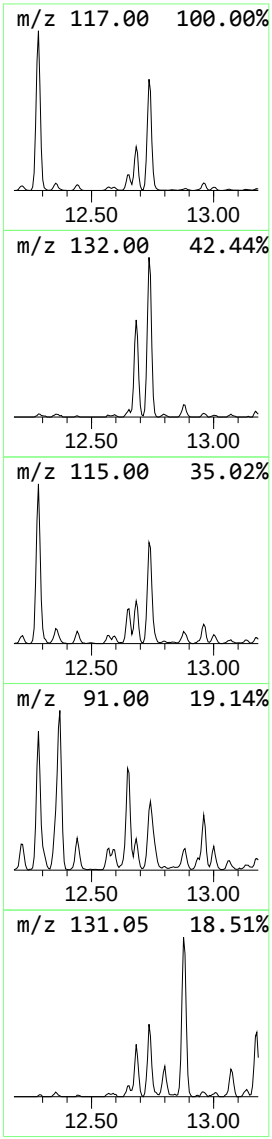
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (1-methyl-1-propen... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.683	9.59 ug/l	73616	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	94
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
Data File : VX021631.D
Acq On : 30 Mar 2021 15:50
Operator : JC/MD
Sample : M1785-17 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FD-032321

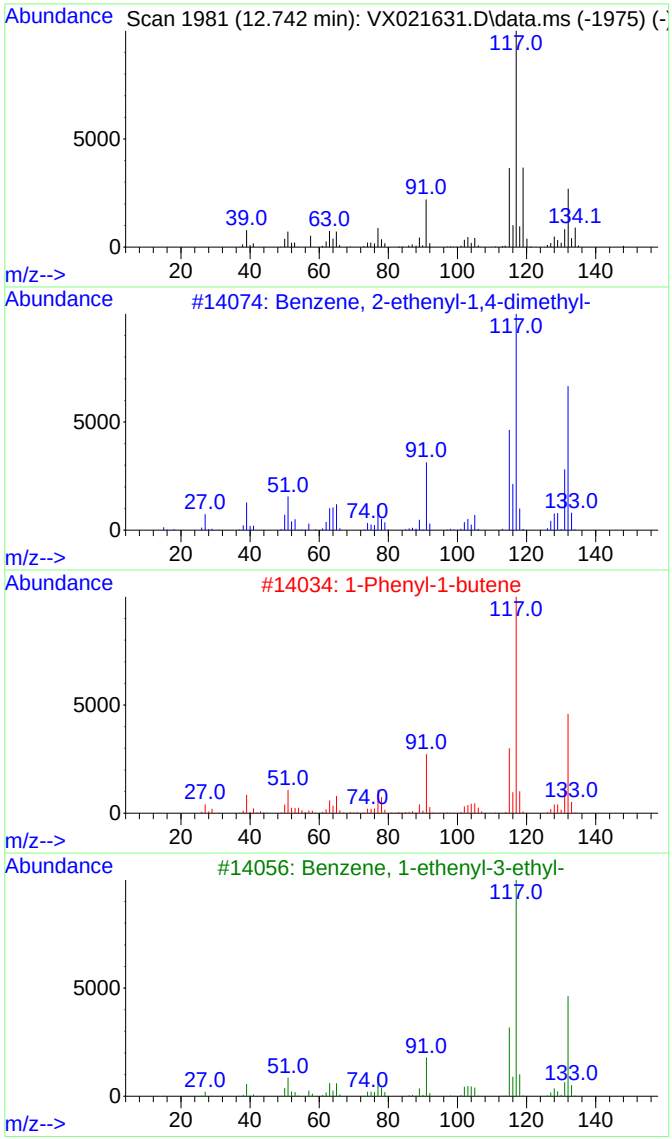
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

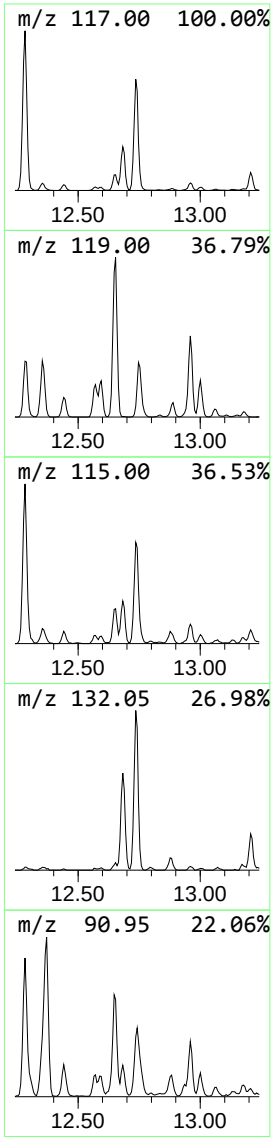
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.742	34.48 ug/l	264578	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
Data File : VX021631.D
Acq On : 30 Mar 2021 15:50
Operator : JC/MD
Sample : M1785-17 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FD-032321

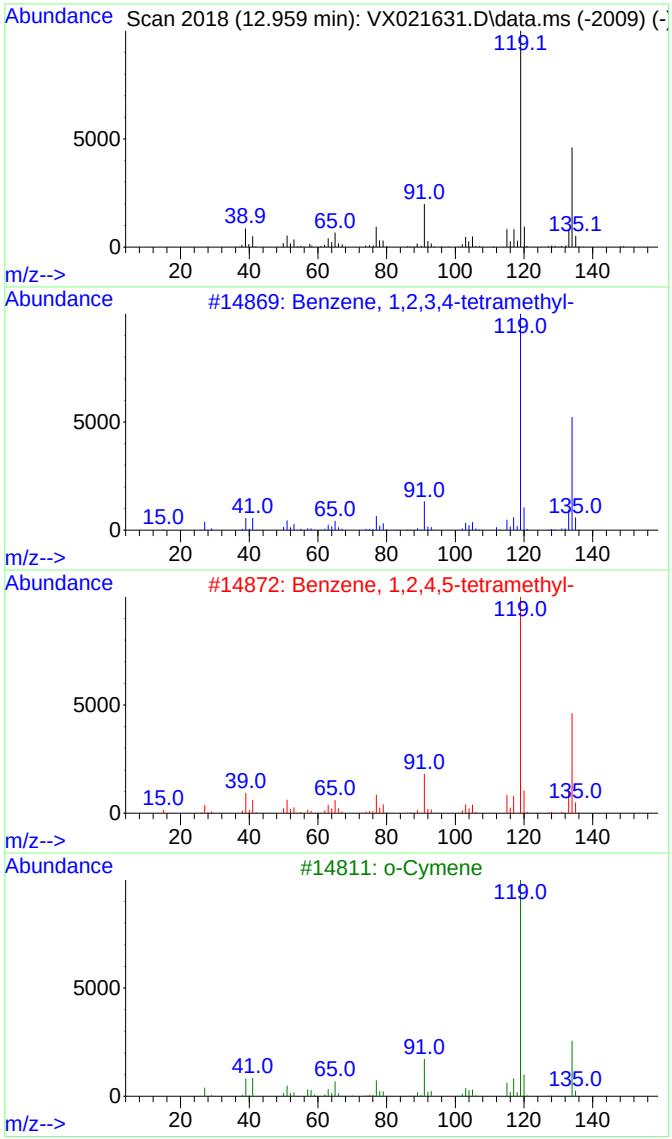
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

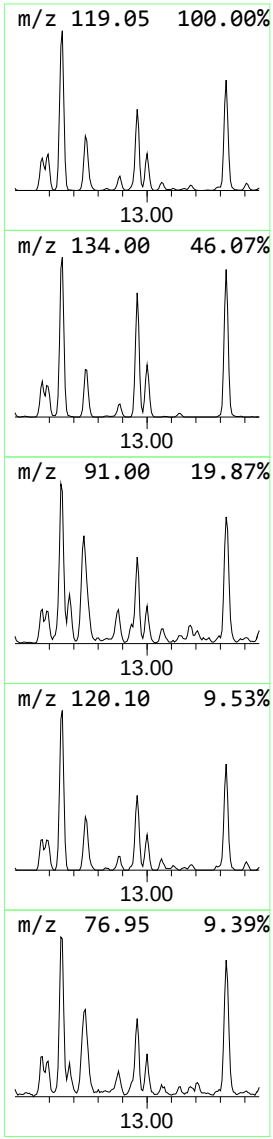
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.959	19.90 ug/l	152685	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	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
Data File : VX021631.D
Acq On : 30 Mar 2021 15:50
Operator : JC/MD
Sample : M1785-17 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FD-032321

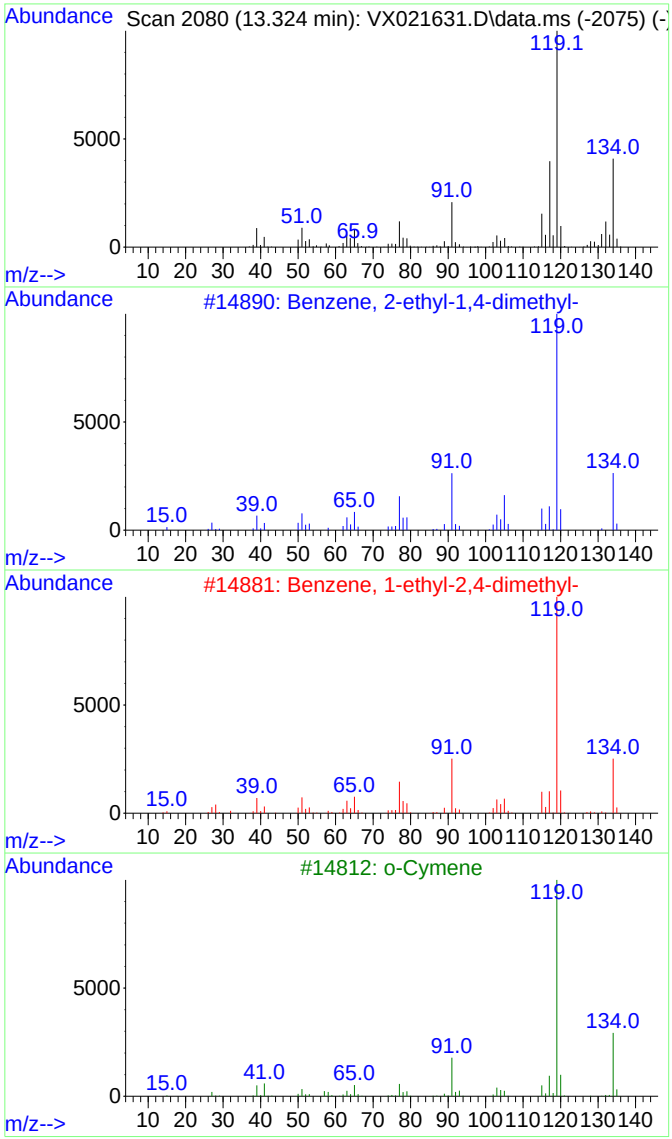
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

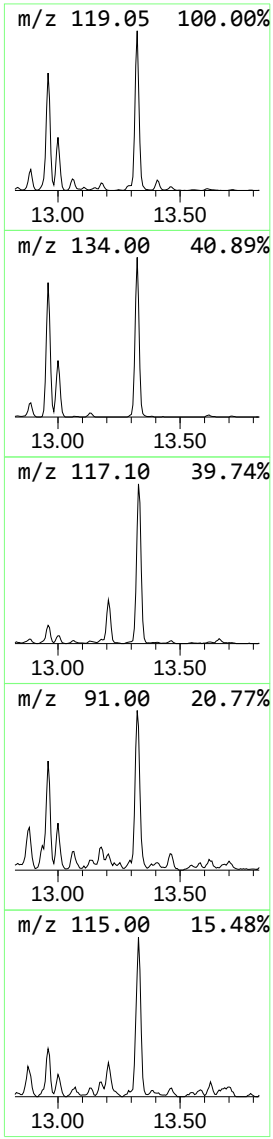
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.324	36.28 ug/l	278361	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	70
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
3	o-Cymene	134	C10H14	000527-84-4	70
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
Data File : VX021631.D
Acq On : 30 Mar 2021 15:50
Operator : JC/MD
Sample : M1785-17 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FD-032321

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-ethy...	11.418	21.8	ug/l	167602	4	12.059	383680	50.0
Benzene, 1,2,3-...	12.124	52.6	ug/l	403362	4	12.059	383680	50.0
Indane	12.283	56.6	ug/l	434380	4	12.059	383680	50.0
Benzene, 1,2-di...	12.442	11.0	ug/l	84661	4	12.059	383680	50.0
Benzene, 2-ethy...	12.571	8.7	ug/l	66697	4	12.059	383680	50.0
o-Cymene	12.653	32.7	ug/l	251206	4	12.059	383680	50.0
Benzene, (1-met...	12.683	9.6	ug/l	73616	4	12.059	383680	50.0
Benzene, 2-ethe...	12.742	34.5	ug/l	264578	4	12.059	383680	50.0
Benzene, 1,2,3,...	12.959	19.9	ug/l	152685	4	12.059	383680	50.0
Benzene, 1-ethy...	13.324	36.3	ug/l	278361	4	12.059	383680	50.0