LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021581.D
Acq On : 29 Mar 2021 16:49
Operator : JC/MD
Sample : M1785-16 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5R

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: VX021581.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	757	rBV	46947	133909	11.29%	1.612%
2	5.629	762	772	783	rVV2	67417	190303	16.05%	2.291%
3	6.029	830	840	852	rBV	51564	135370	11.42%	1.629%
4	6.829	966	976	989	rBV	118244	276206	23.29%	3.324%
5	8.694	1287	1293	1310	rVB	247169	392056	33.06%	4.719%
6	10.094	1525	1531	1540	rBV	274205	371454	31.32%	4.471%
7	10.235	1548	1555	1560	rBV	14641	20983	1.77%	0.253%
8	10.341	1561	1573	1579	rBV	77126	119752	10.10%	1.441%
9	10.624	1608	1621	1628	rBV6	9603	25354	2.14%	0.305%
10	10.818	1644	1654	1659	rVB2	19782	32803	2.77%	0.395%
11	10.894	1659	1667	1672	rBV2	18465	31727	2.68%	0.382%
12	11.000	1680	1685	1690	rBV	145451	186239	15.71%	2.242%
13	11.118	1700	1705	1710	rBV	228562	305869	25.79%	3.682%
14	11.165	1710	1713	1717	rVB2	10625	14051	1.18%	0.169%
15	11.259	1725	1729	1734	rVB3	16053	23432	1.98%	0.282%
16	11.341	1738	1743	1751	rBV	299582	362679	30.58%	4.365%
17	11.418	1751	1756	1762	rVV	148109	184003	15.52%	2.215%
18	11.489	1762	1768	1777	rVB	231100	289474	24.41%	3.484%
19	11.653	1791	1796	1804	rVB3	23280	35084	2.96%	0.422%
20	11.753	1808	1813	1815	rVV	36319	47300	3.99%	0.569%
21	11.789	1815	1819	1830	rVB	983967	1185824	100.00%	14.273%
22	11.900	1830	1838	1840	rBV	48275	68994	5.82%	0.830%
23	11.930	1840	1843	1848	rVV	109363	132738	11.19%	1.598%
24	12.006	1848	1856	1860	rVV	47429	67779	5.72%	0.816%
25	12.059	1860	1865	1871	rVV	315733	386308	32.58%	4.650%
26	12.124	1871	1876	1882	rVV	392332	460517	38.84%	5.543%
27	12.218	1886	1892	1898	rVB	45864	60496	5.10%	0.728%
28	12.283	1898	1903	1911	rBV	361147	510732	43.07%	6.147%
29	12.353	1911	1915	1924	rVB2	139338	261404	22.04%	3.146%
30	12.442	1924	1930	1937	rBV	73694	91497	7.72%	1.101%
31	12.571	1946	1952	1954	rBV	59853	83788	7.07%	1.008%
32	12.595	1954	1956	1959	rVV	59773	59814	5.04%	0.720%
33	12.653	1959	1966	1969	rVV	274476	343572	28.97%	4.135%
34	12.683	1969	1971	1976	rVV	85509	96615	8.15%	1.163%
35	12.742	1976	1981	1988	rVV3	188968	332568	28.05%	4.003%
36	12.883	1999	2005	2010	rVB2	52851	81976	6.91%	0.987%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021581.D
Acq On : 29 Mar 2021 16:49
Operator : JC/MD
Sample : M1785-16 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5R

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	149146	203939	17.20%	2.455%
38	13.001	2022	2025	2032	rVB2	69985	84089	7.09%	1.012%
39	13.065	2032	2036	2042	rBV3	22270	34874	2.94%	0.420%
40	13.136	2042	2048	2051	rBV	18853	24991	2.11%	0.301%
41	13.177	2051	2055	2057	rBV2	23988	26560	2.24%	0.320%
42	13.206	2057	2060	2064	rVB	25072	27829	2.35%	0.335%
43	13.295	2070	2075	2076	rBV2	12506	16071	1.36%	0.193%
44	13.324	2076	2080	2087	rVB2	258088	362650	30.58%	4.365%
45	13.459	2100	2103	2108	rVB	17231	21950	1.85%	0.264%
46	13.583	2120	2124	2127	rVV	12141	16949	1.43%	0.204%
47	13.624	2127	2131	2135	rVV2	23235	35619	3.00%	0.429%
48	13.677	2135	2140	2142	rVV2	12529	22869	1.93%	0.275%
49	13.701	2142	2144	2151	rVB2	18987	27165	2.29%	0.327%

Sum of corrected areas: 8308225

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
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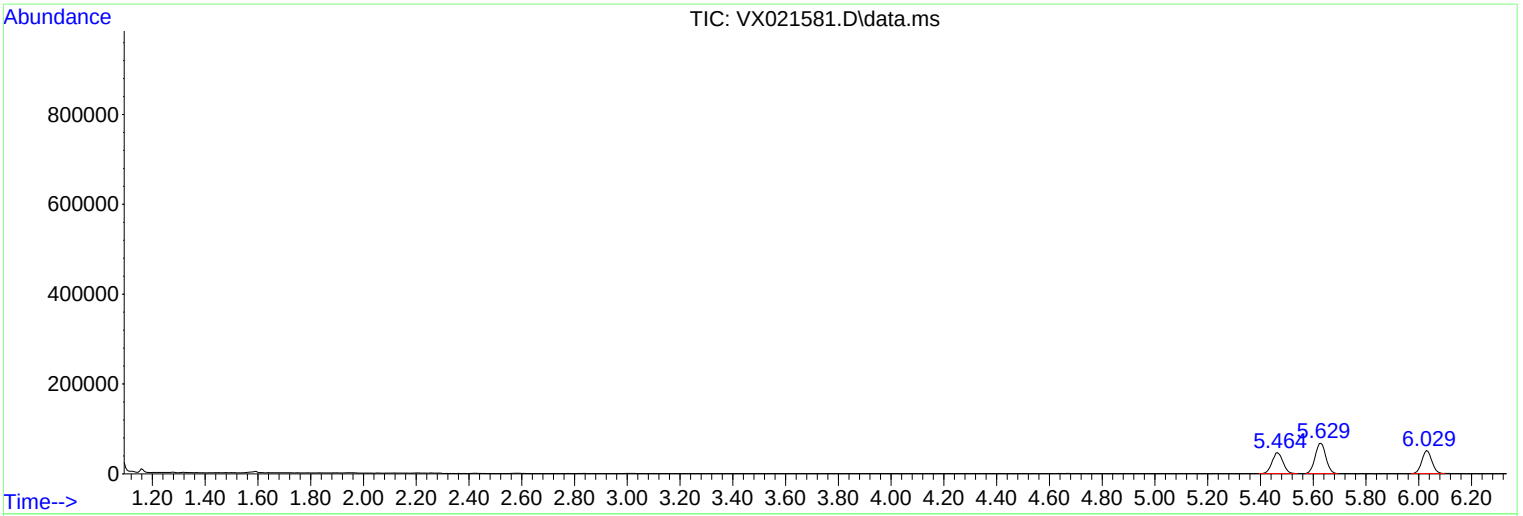
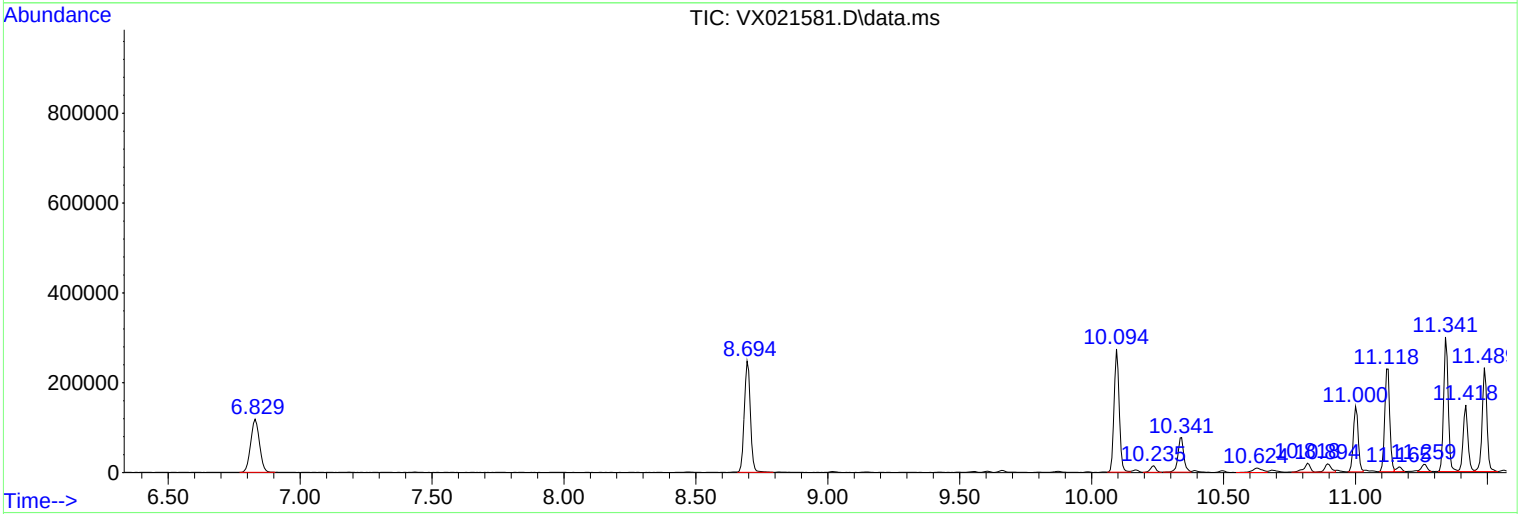
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

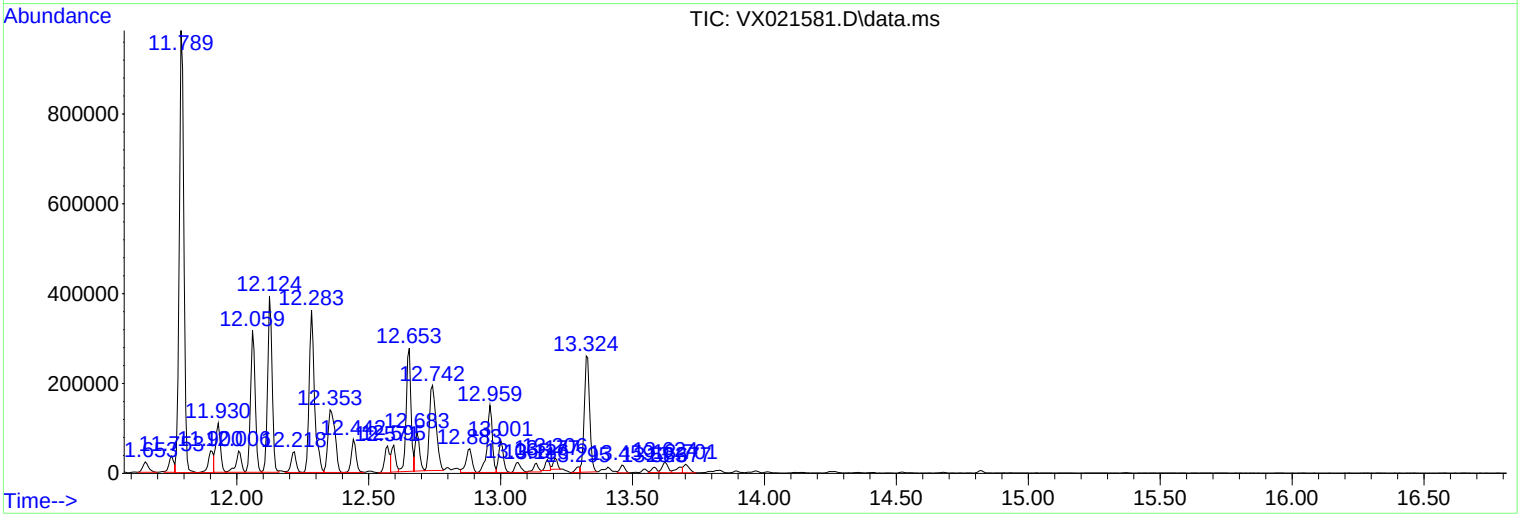
Instrument :
MSVOA_X
ClientSampleId :
MW-5R

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 : VX021581.D
Acq On : 29 Mar 2021 16:49
Operator : JC/MD
Sample : M1785-16 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

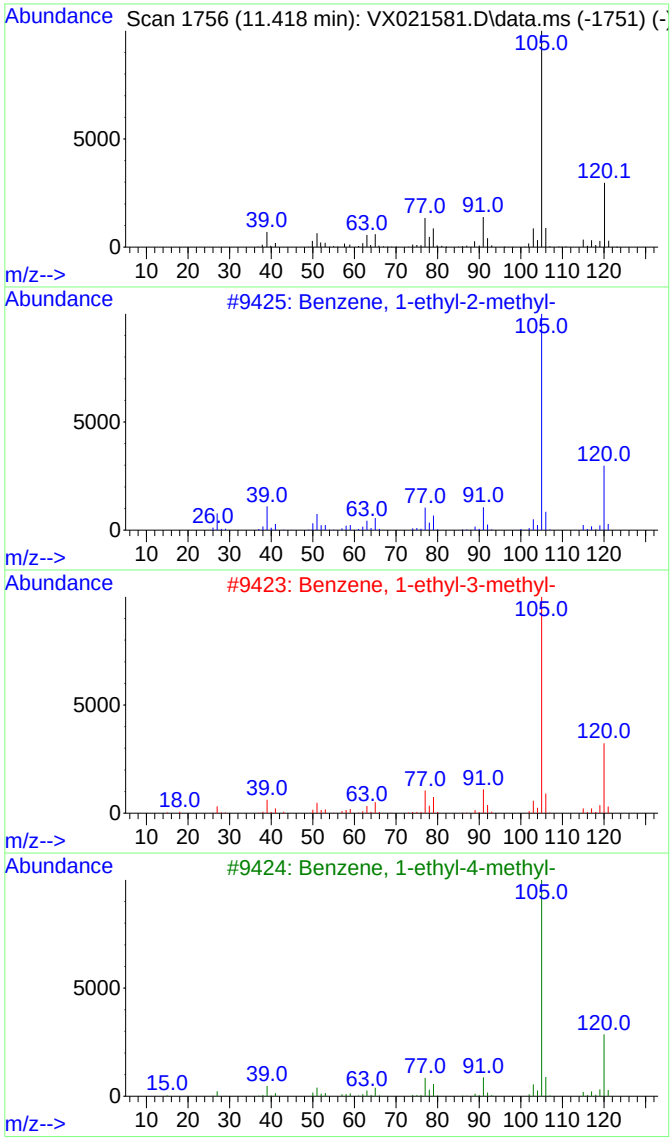
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

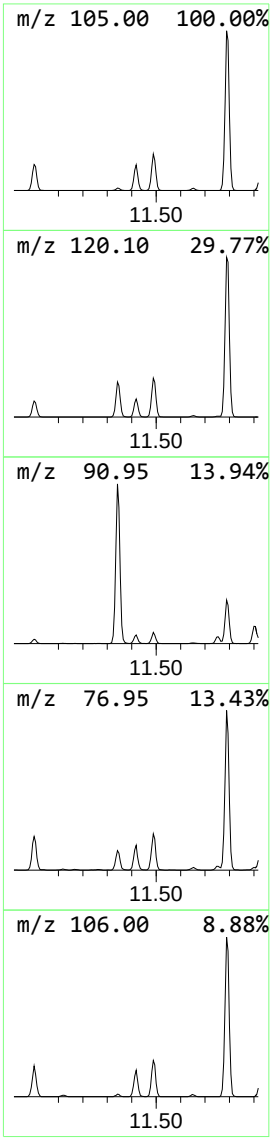
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.418	23.82 ug/l	184003	1,4-Dichlorobenzene-d4	12.059

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-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\VX032921\
Data File : VX021581.D
Acq On : 29 Mar 2021 16:49
Operator : JC/MD
Sample : M1785-16 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

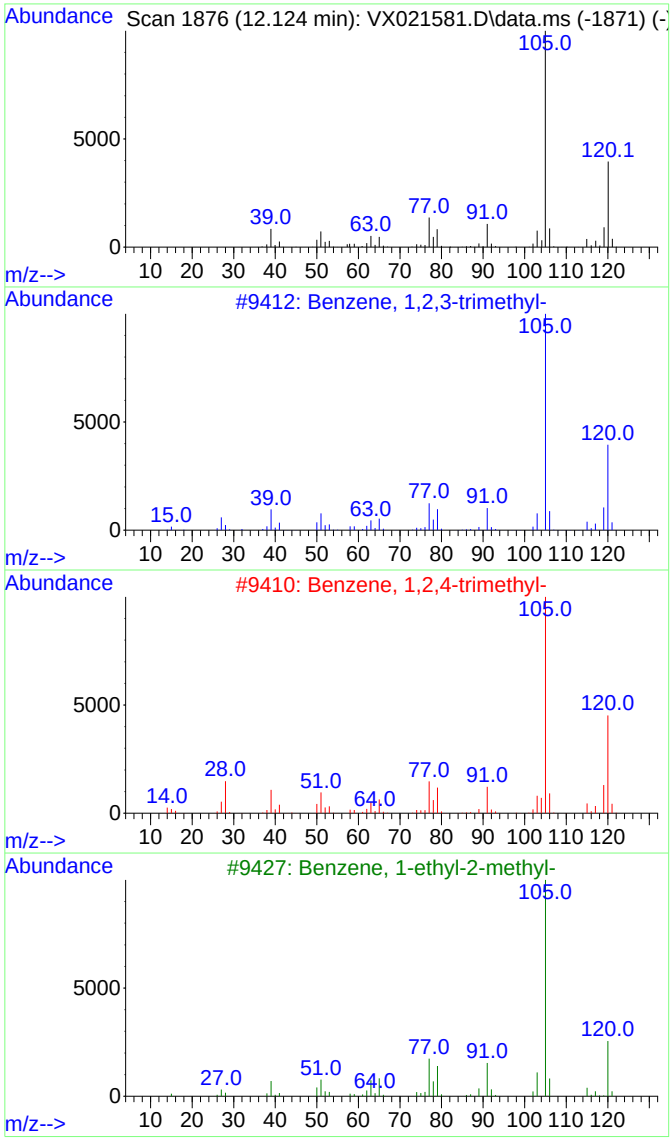
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

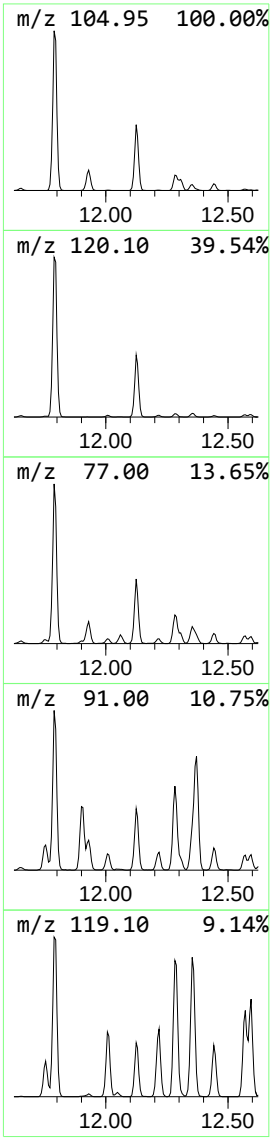
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.124	59.60 ug/l	460517	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	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\VX032921\
Data File : VX021581.D
Acq On : 29 Mar 2021 16:49
Operator : JC/MD
Sample : M1785-16 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

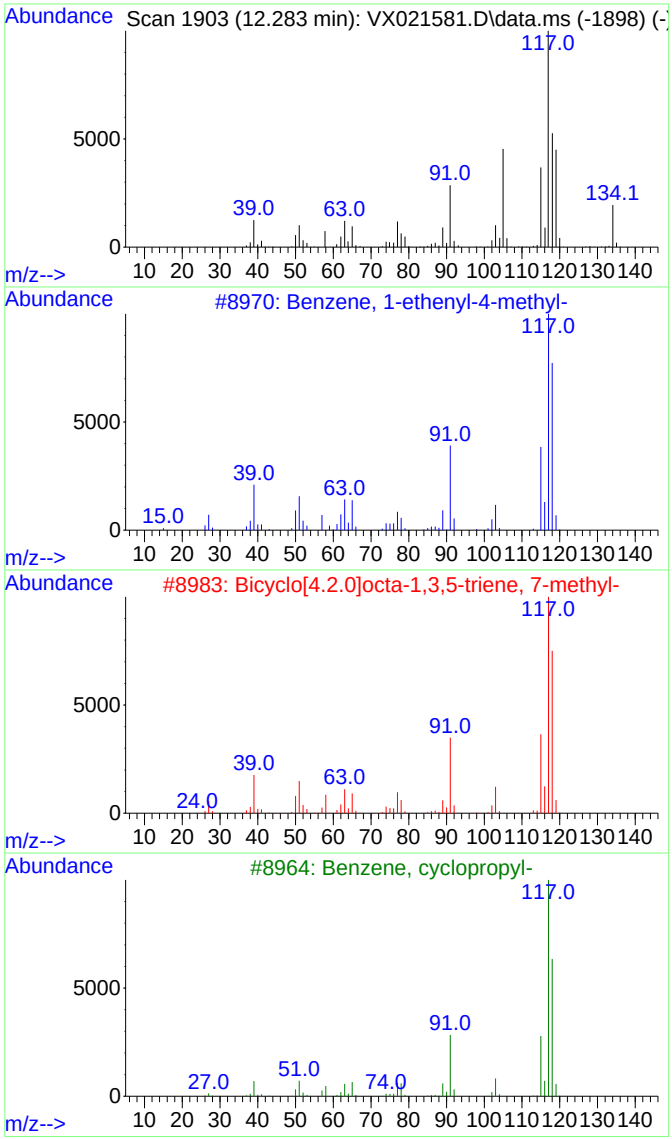
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

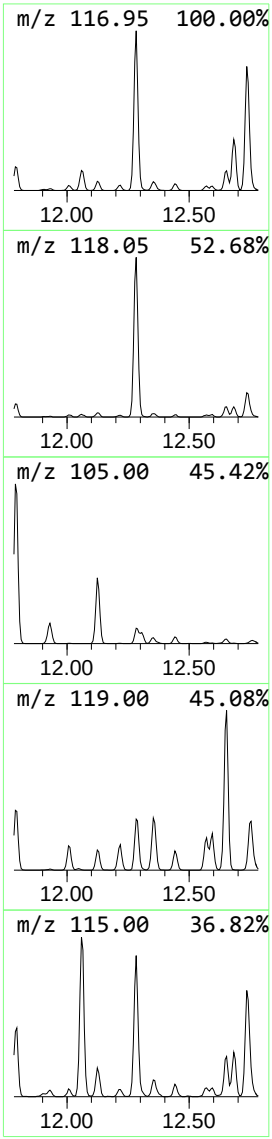
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.283	66.10 ug/l	510732	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	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021581.D
Acq On : 29 Mar 2021 16:49
Operator : JC/MD
Sample : M1785-16 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

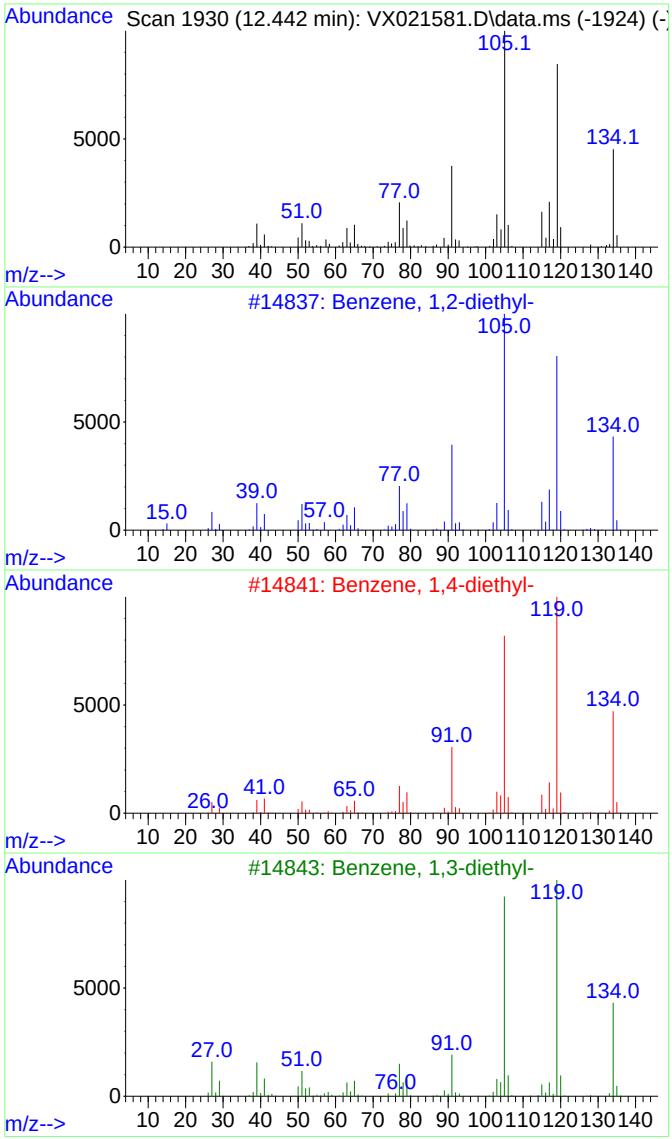
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

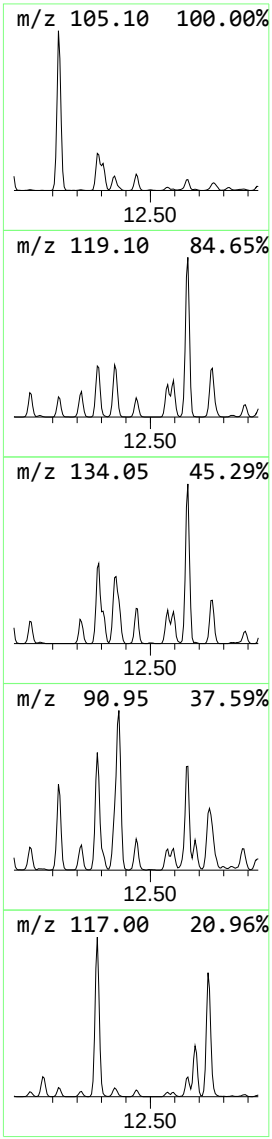
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.442	11.84 ug/l	91497	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	o-Cymene	134	C10H14	000527-84-4	68
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021581.D
Acq On : 29 Mar 2021 16:49
Operator : JC/MD
Sample : M1785-16 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

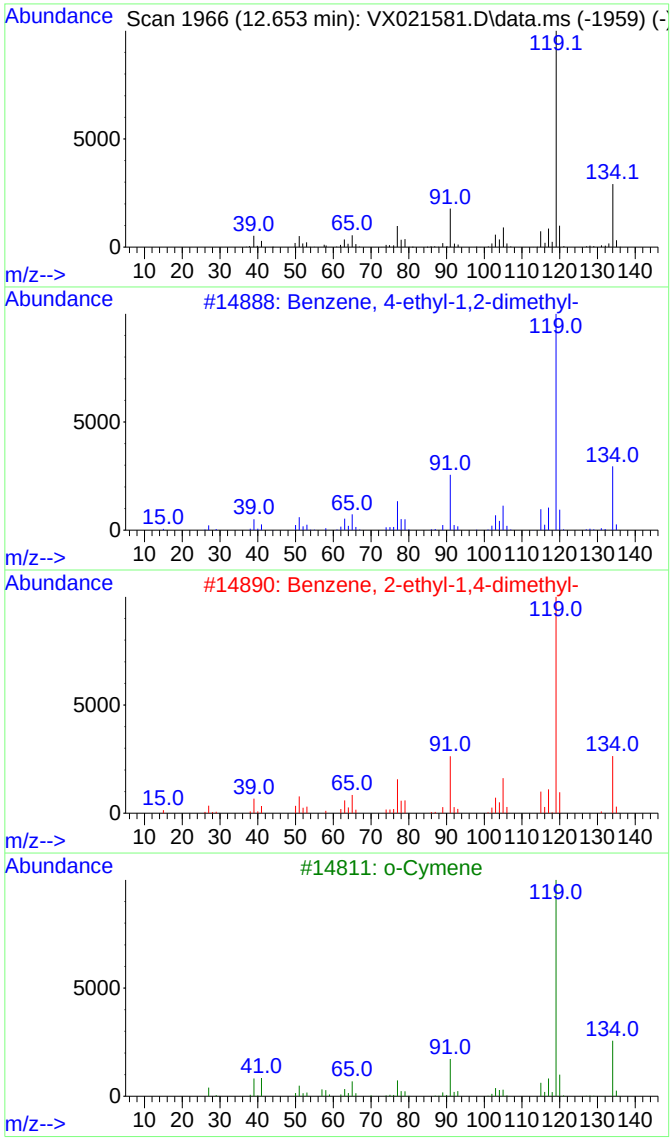
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

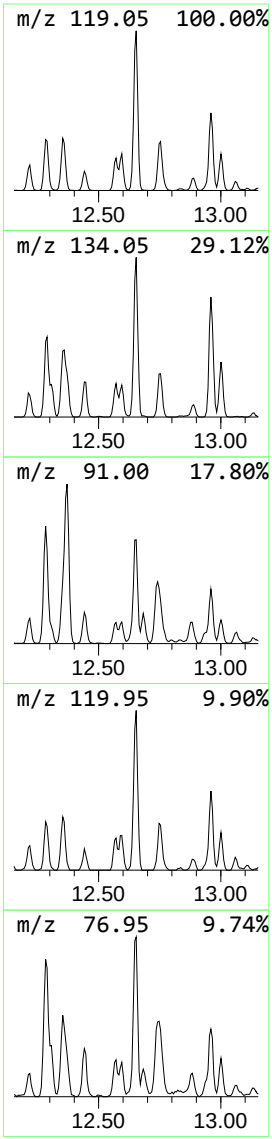
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.653	44.47 ug/l	343572	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	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021581.D
Acq On : 29 Mar 2021 16:49
Operator : JC/MD
Sample : M1785-16 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

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

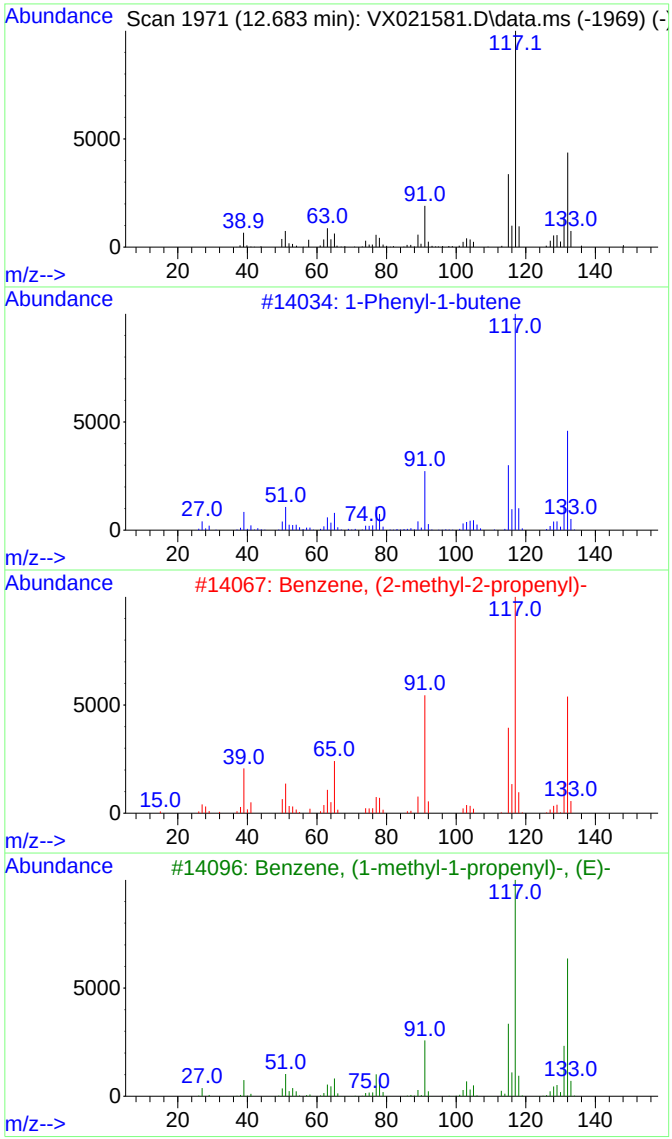
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

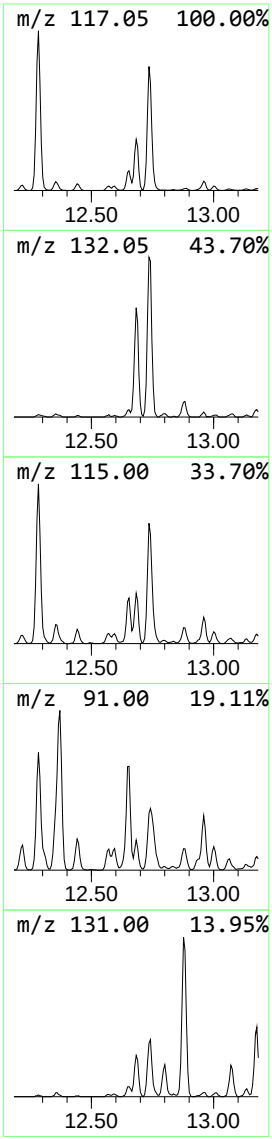
****

Peak Number 6 1-Phenyl-1-butene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.683	12.50 ug/l	96615	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	91
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021581.D
Acq On : 29 Mar 2021 16:49
Operator : JC/MD
Sample : M1785-16 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

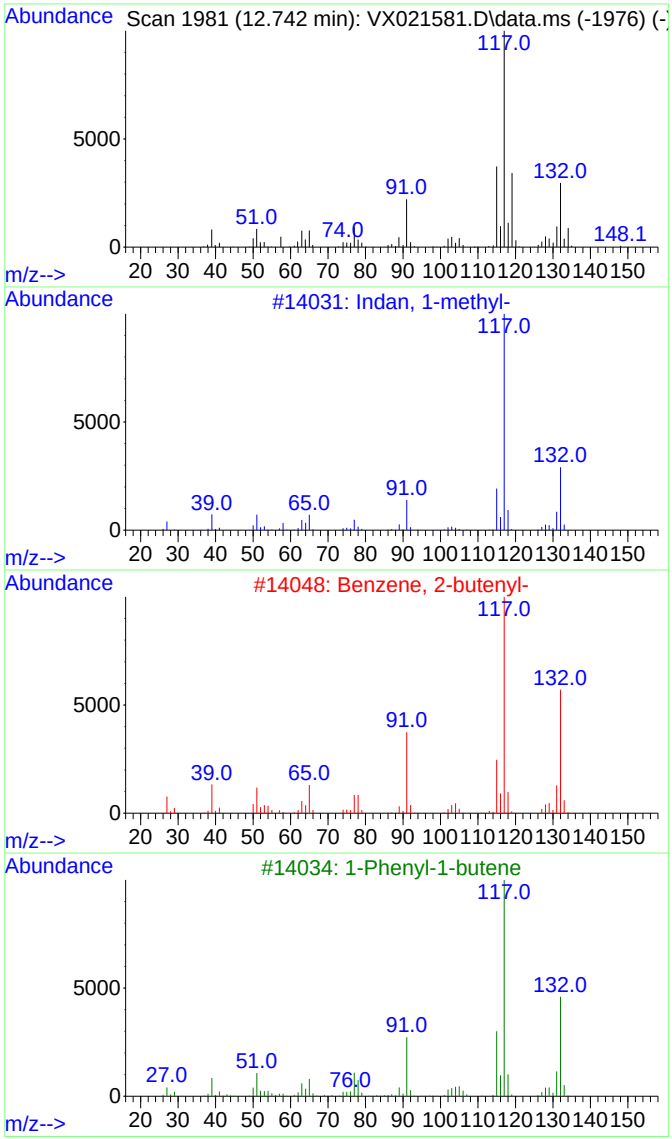
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

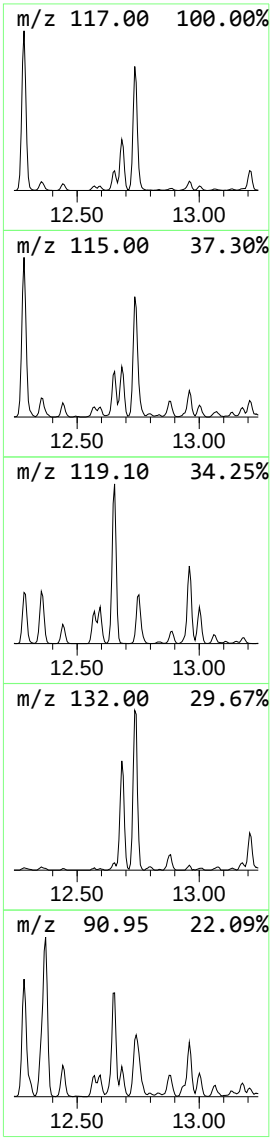
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Indan, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.742	43.04 ug/l	332568	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021581.D
Acq On : 29 Mar 2021 16:49
Operator : JC/MD
Sample : M1785-16 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

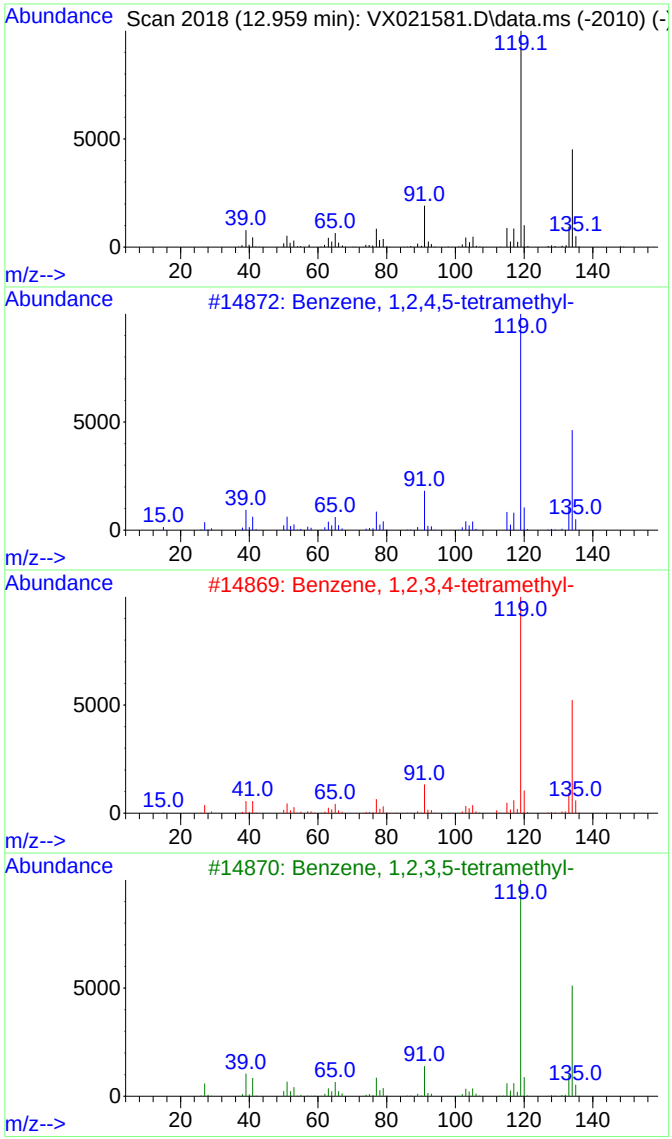
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

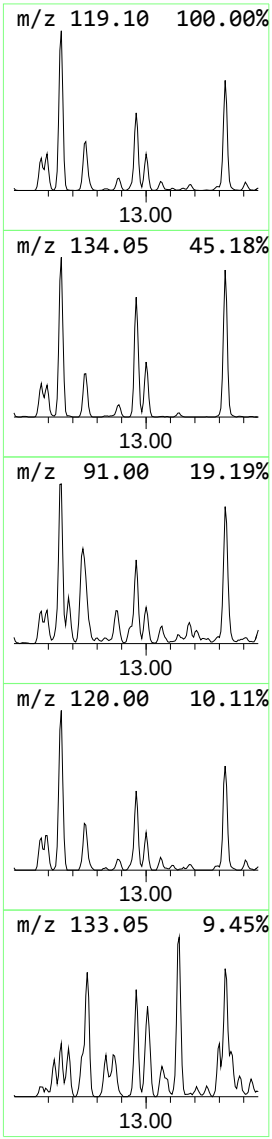
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.959	26.40 ug/l	203939	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021581.D
Acq On : 29 Mar 2021 16:49
Operator : JC/MD
Sample : M1785-16 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

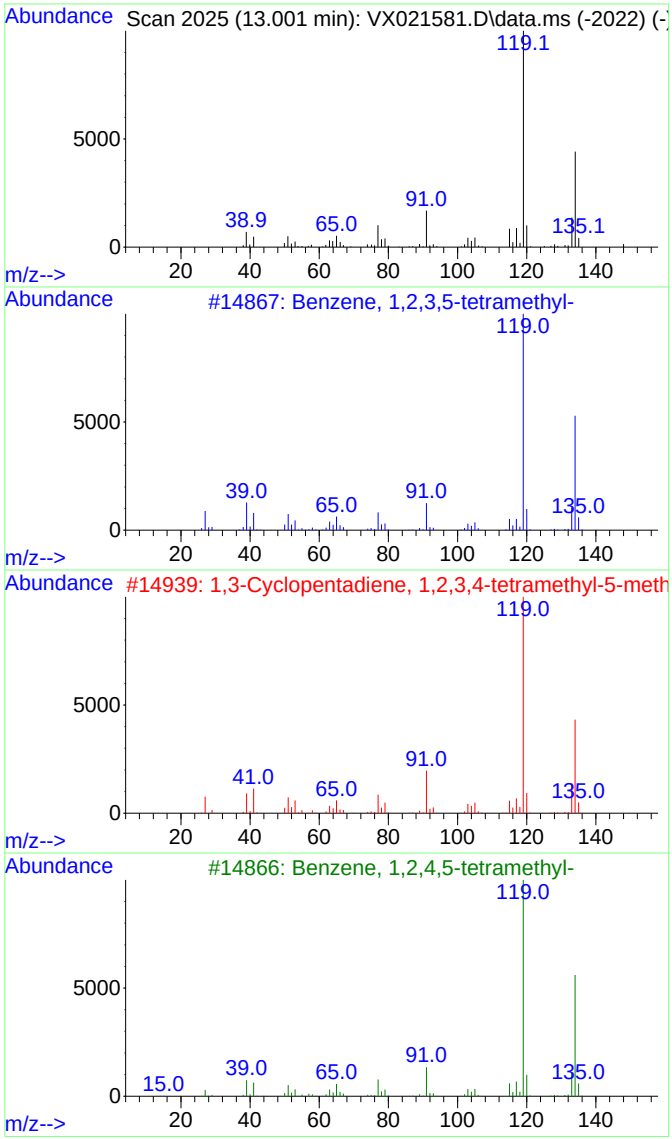
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

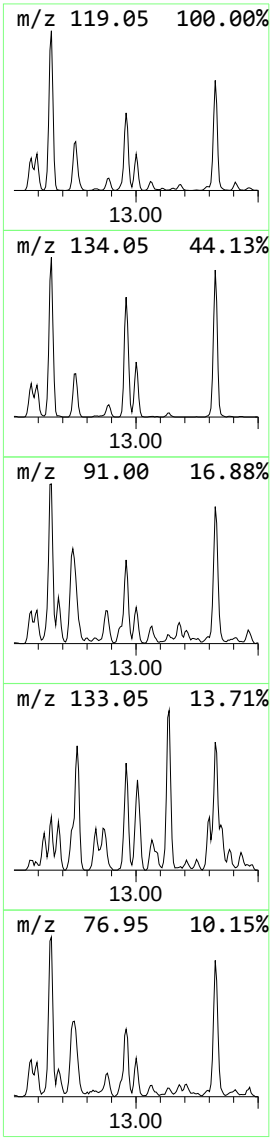
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.001	10.88 ug/l	84089	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021581.D
Acq On : 29 Mar 2021 16:49
Operator : JC/MD
Sample : M1785-16 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

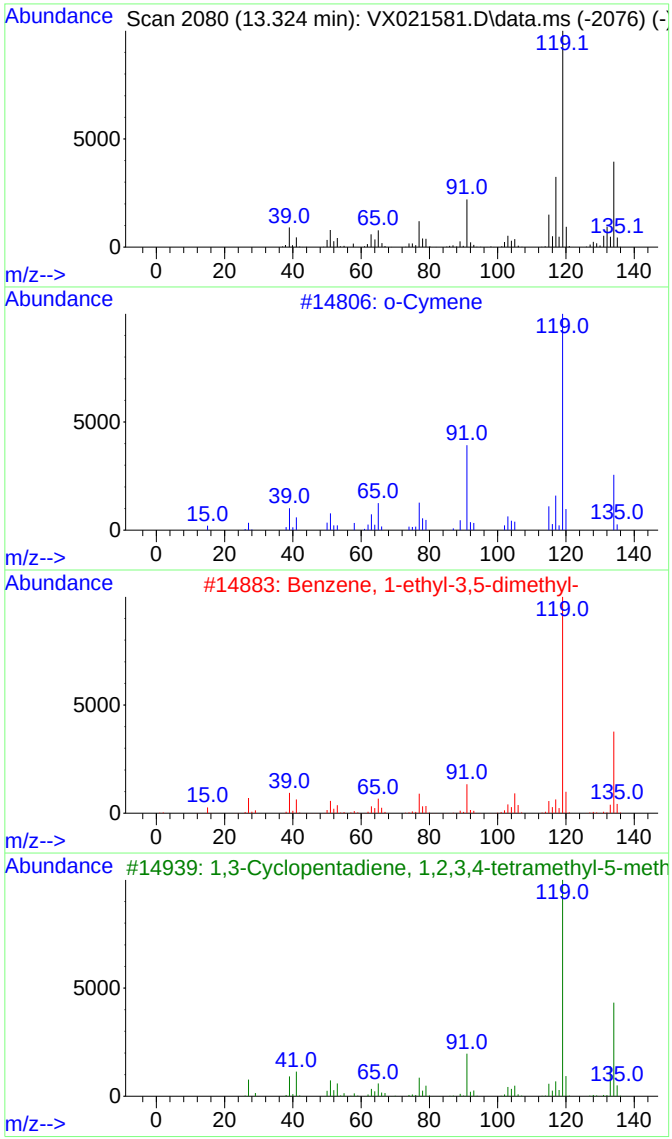
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

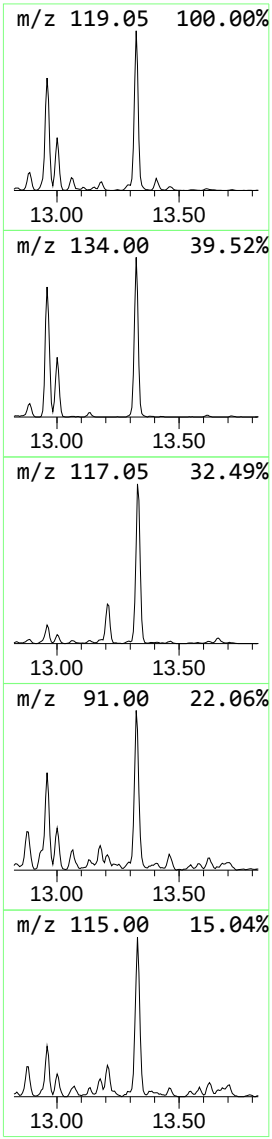
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 o-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.324	46.94 ug/l	362650	1,4-Dichlorobenzene-d4	12.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	81
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
5	p-Cymene	134	C10H14	000099-87-6	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021581.D
Acq On : 29 Mar 2021 16:49
Operator : JC/MD
Sample : M1785-16 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5R

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	23.8	ug/l	184003	4	12.059	386308	50.0
Benzene, 1,2,3-...	12.124	59.6	ug/l	460517	4	12.059	386308	50.0
Benzene, 1-ethe...	12.283	66.1	ug/l	510732	4	12.059	386308	50.0
Benzene, 1,2-di...	12.442	11.8	ug/l	91497	4	12.059	386308	50.0
Benzene, 4-ethy...	12.653	44.5	ug/l	343572	4	12.059	386308	50.0
1-Phenyl-1-butene	12.683	12.5	ug/l	96615	4	12.059	386308	50.0
Indan, 1-methyl-	12.742	43.0	ug/l	332568	4	12.059	386308	50.0
Benzene, 1,2,4,...	12.959	26.4	ug/l	203939	4	12.059	386308	50.0
Benzene, 1,2,3,...	13.001	10.9	ug/l	84089	4	12.059	386308	50.0
o-Cymene	13.324	46.9	ug/l	362650	4	12.059	386308	50.0