LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021578.D
Acq On : 29 Mar 2021 15:39
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: VX021578.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	733	744	756	rBV	47847	135177	10.84%	1.584%
2	5.629	759	772	785	rBV	69612	192018	15.40%	2.250%
3	6.029	830	840	851	rBV	52511	136452	10.95%	1.599%
4	6.829	965	976	990	rBV2	117142	276502	22.18%	3.240%
5	8.694	1286	1293	1308	rVB	239818	380763	30.54%	4.461%
6	10.094	1525	1531	1539	rBV	262390	350932	28.15%	4.112%
7	10.235	1548	1555	1560	rBV	16025	24129	1.94%	0.283%
8	10.336	1560	1572	1579	rBV	88349	141616	11.36%	1.659%
9	10.624	1613	1621	1628	rBV3	14756	32290	2.59%	0.378%
10	10.818	1646	1654	1659	rBV2	35707	53604	4.30%	0.628%
11	10.894	1659	1667	1671	rBV3	28538	46207	3.71%	0.541%
12	10.930	1671	1673	1679	rVB2	10839	13839	1.11%	0.162%
13	11.000	1679	1685	1690	rBV	171386	217139	17.42%	2.544%
14	11.118	1700	1705	1710	rBV	216375	283920	22.78%	3.327%
15	11.165	1710	1713	1717	rVB2	11615	15408	1.24%	0.181%
16	11.259	1721	1729	1737	rVB3	25918	39762	3.19%	0.466%
17	11.342	1738	1743	1751	rBV	320963	400673	32.14%	4.694%
18	11.418	1751	1756	1761	rVV	151255	196887	15.79%	2.307%
19	11.489	1761	1768	1777	rVB	245936	327397	26.26%	3.836%
20	11.653	1791	1796	1803	rVB4	23823	44286	3.55%	0.519%
21	11.753	1809	1813	1815	rVV	60638	74026	5.94%	0.867%
22	11.789	1815	1819	1829	rVB	1014841	1246629	100.00%	14.606%
23	11.900	1829	1838	1840	rBV	52011	80481	6.46%	0.943%
24	11.930	1840	1843	1848	rVV	119707	146080	11.72%	1.712%
25	11.983	1848	1852	1853	rVV	20118	23303	1.87%	0.273%
26	12.006	1853	1856	1860	rVV	47937	62022	4.98%	0.727%
27	12.059	1860	1865	1871	rVV	261605	333503	26.75%	3.907%
28	12.124	1871	1876	1883	rVV	394309	479419	38.46%	5.617%
29	12.218	1887	1892	1898	rVB	47122	66872	5.36%	0.783%
30	12.283	1898	1903	1911	rBV	376401	527221	42.29%	6.177%
31	12.353	1911	1915	1923	rVB3	137887	254364	20.40%	2.980%
32	12.442	1925	1930	1937	rBV	72947	96733	7.76%	1.133%
33	12.506	1937	1941	1947	rVB6	8443	17119	1.37%	0.201%
34	12.571	1947	1952	1954	rBV	57327	80746	6.48%	0.946%
35	12.595	1954	1956	1959	rVV	56524	58124	4.66%	0.681%
36	12.653	1961	1966	1969	rVV	264024	324473	26.03%	3.802%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021578.D
Acq On : 29 Mar 2021 15:39
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	12.683	1969	1971	1976	rVV	88621	96665	7.75%	1.133%
38	12.742	1976	1981	1989	rVB3	189526	335255	26.89%	3.928%
39	12.883	1998	2005	2009	rVB2	46568	79111	6.35%	0.927%
40	12.959	2009	2018	2022	rBV	142939	195637	15.69%	2.292%
41	13.001	2022	2025	2032	rVB2	63484	78762	6.32%	0.923%
42	13.065	2032	2036	2041	rVB3	18837	28573	2.29%	0.335%
43	13.136	2041	2048	2051	rBV	15899	22499	1.80%	0.264%
44	13.177	2051	2055	2057	rBV2	21184	23464	1.88%	0.275%
45	13.206	2057	2060	2064	rVB	26319	27369	2.20%	0.321%
46	13.295	2070	2075	2076	rBV2	11582	13993	1.12%	0.164%
47	13.324	2076	2080	2087	rVB2	255547	361843	29.03%	4.239%
48	13.459	2099	2103	2109	rVB	16459	22682	1.82%	0.266%
49	13.624	2127	2131	2135	rVV2	18909	27179	2.18%	0.318%
50	13.677	2135	2140	2142	rVV2	10618	17360	1.39%	0.203%
51	13.701	2142	2144	2152	rVB2	17670	24543	1.97%	0.288%

Sum of corrected areas: 8535051

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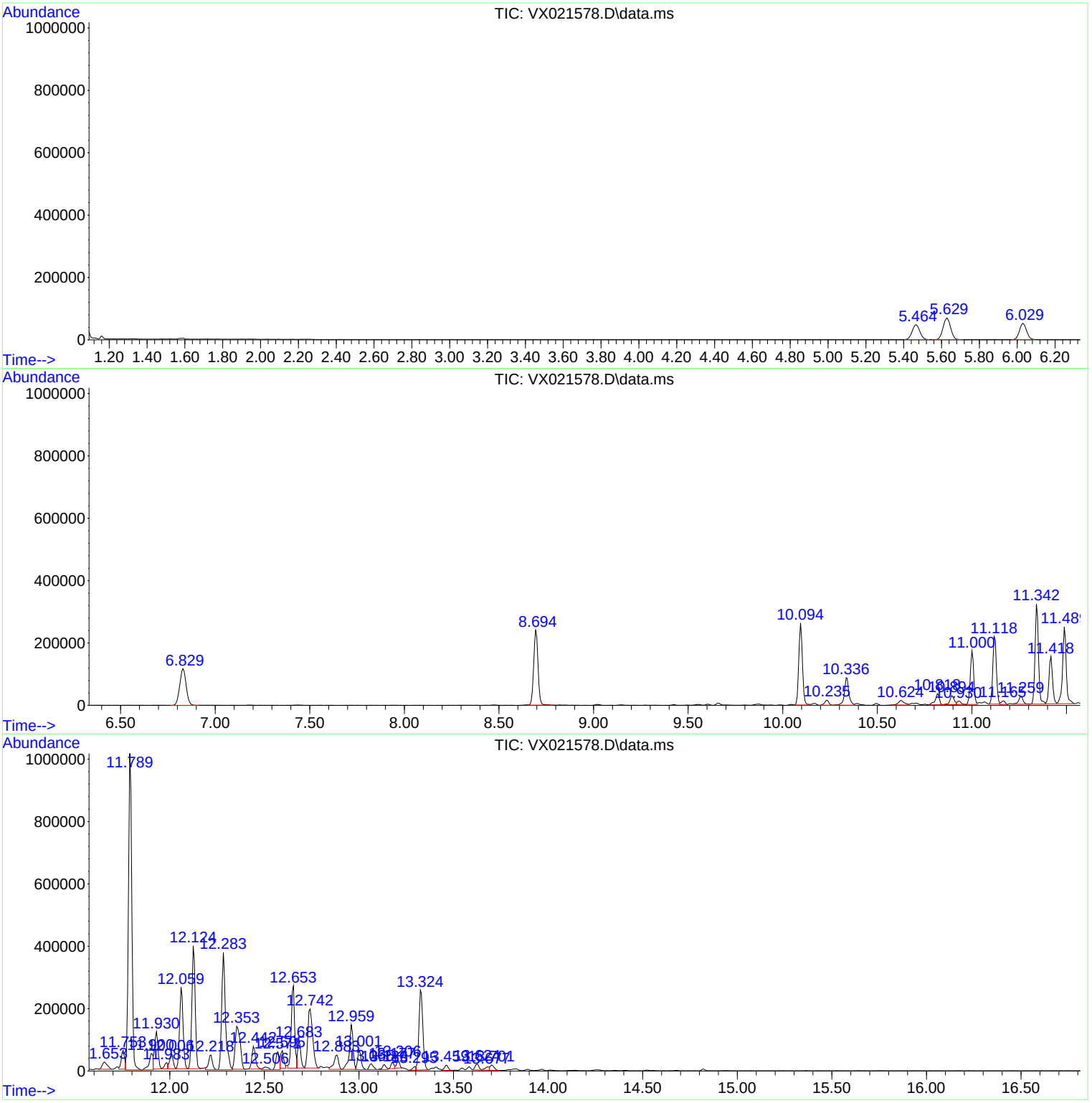
Instrument :
MSVOA_X
ClientSampleId :
FD-032321

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



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Data File : VX021578.D
Acq On : 29 Mar 2021 15:39
Operator : JC/MD
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FD-032321

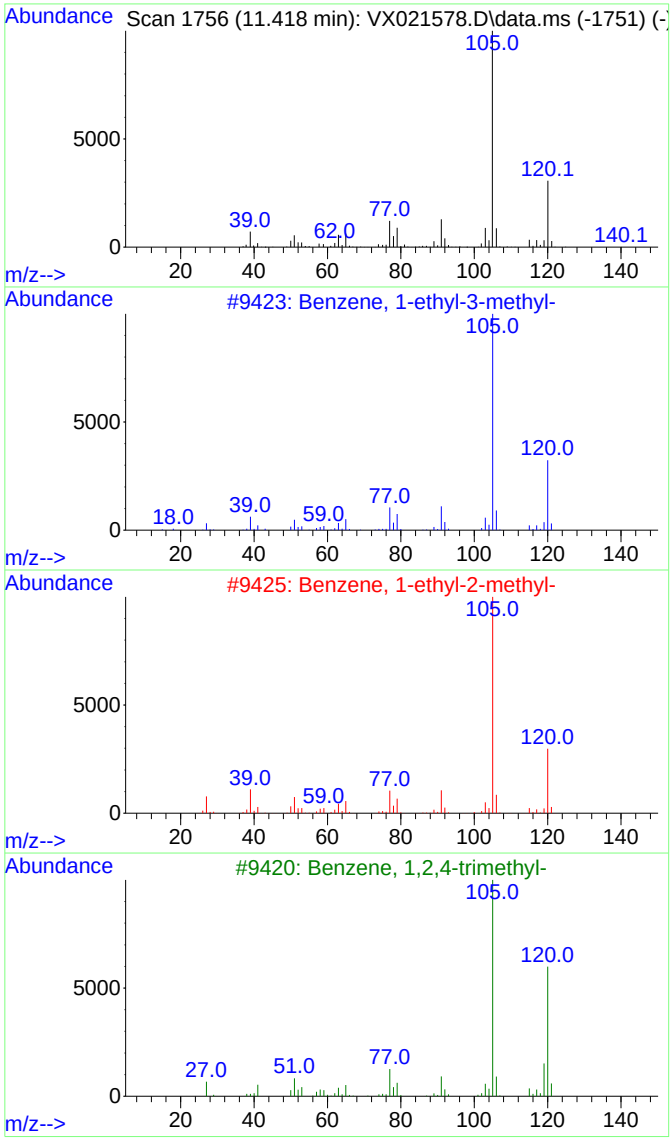
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

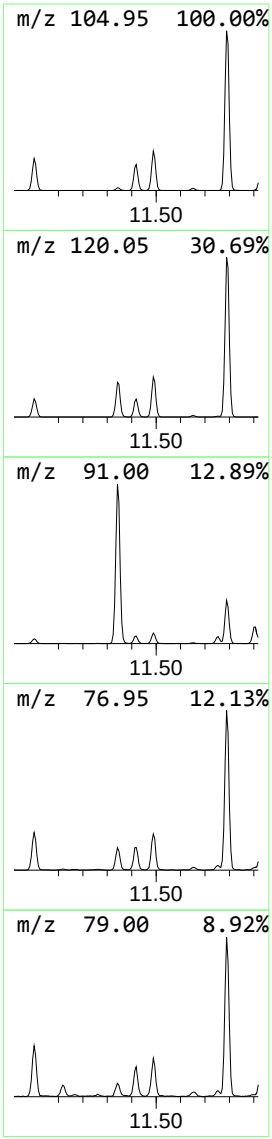
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.418	29.52 ug/l	196887	1,4-Dichlorobenzene-d4	12.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021578.D
Acq On : 29 Mar 2021 15:39
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

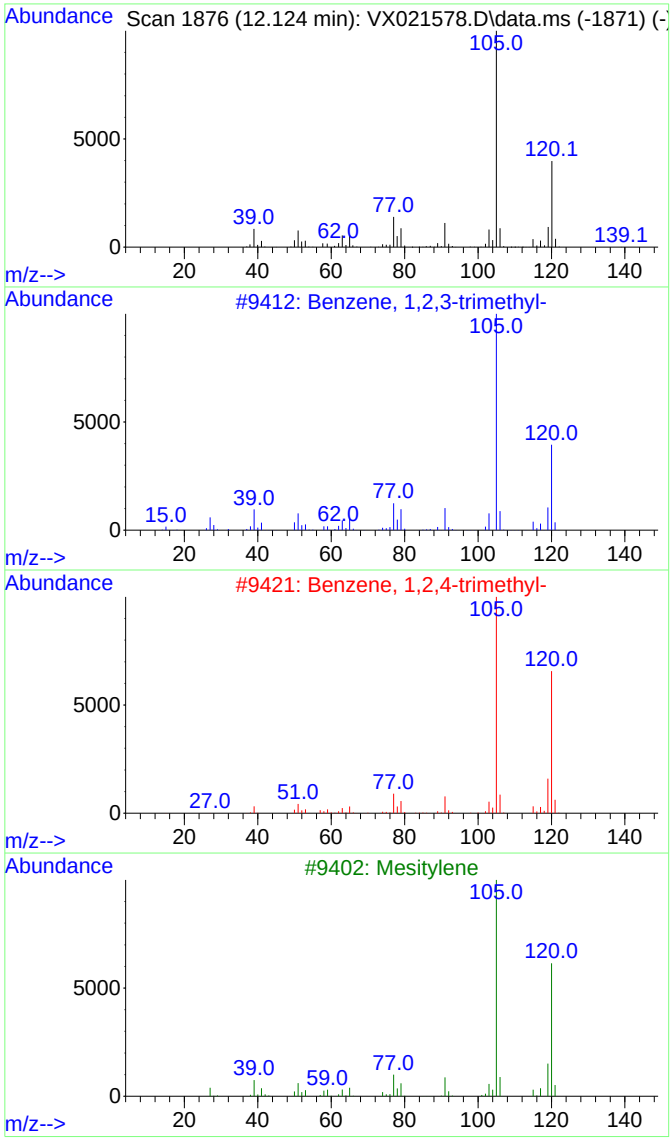
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

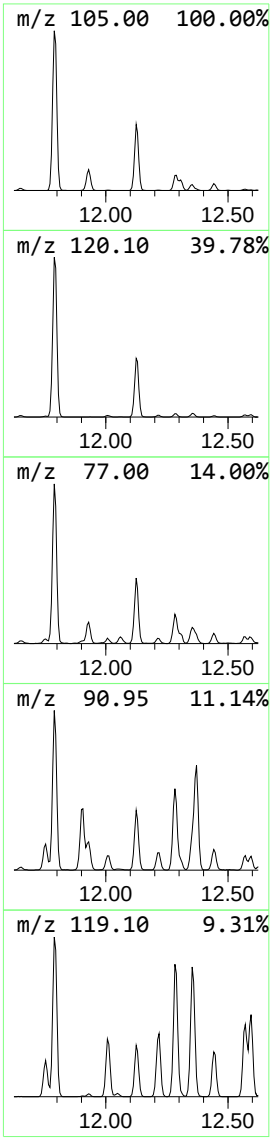
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.124	71.88 ug/l	479419	1,4-Dichlorobenzene-d4	12.065

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	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021578.D
Acq On : 29 Mar 2021 15:39
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

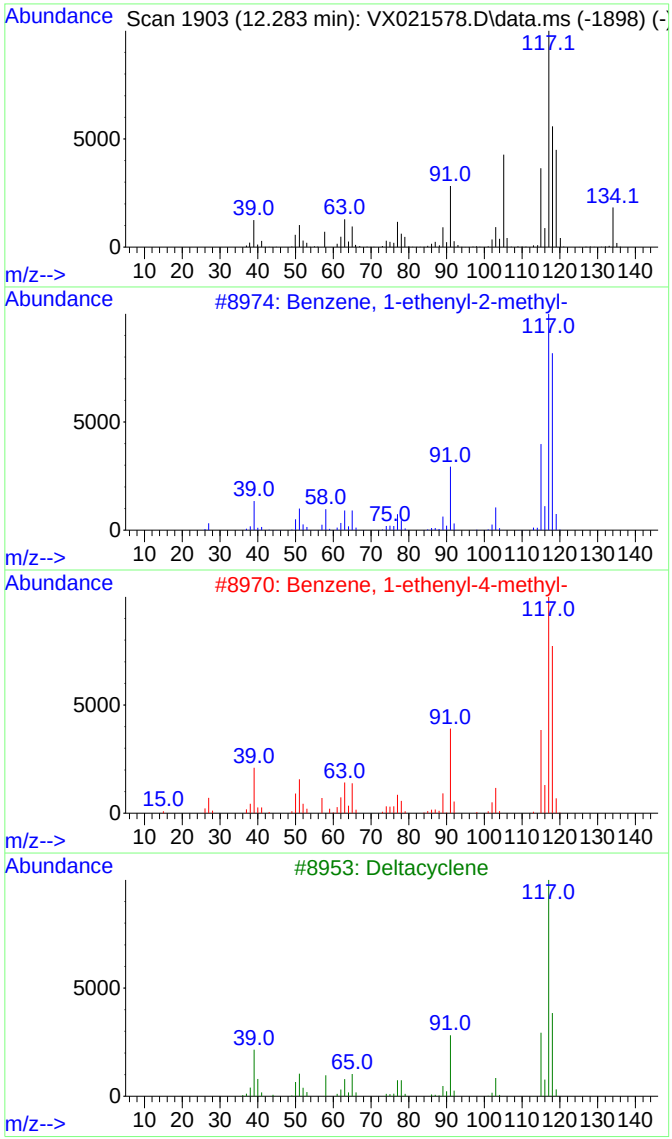
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

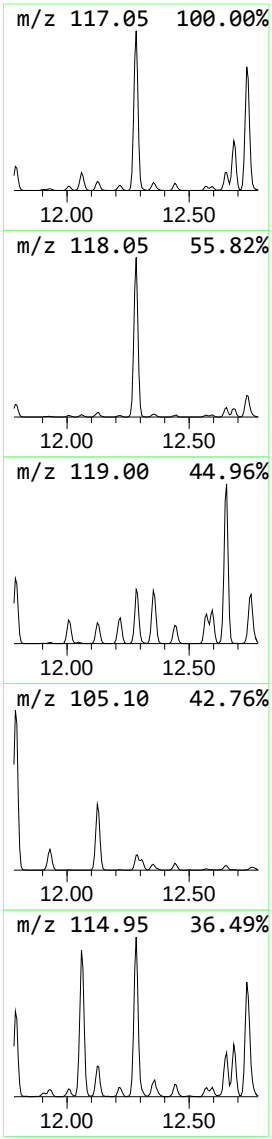
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethenyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.283	79.04 ug/l	527221	1,4-Dichlorobenzene-d4	12.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	86
3	Deltacyclene	118	C9H10	007785-10-6	64
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021578.D
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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

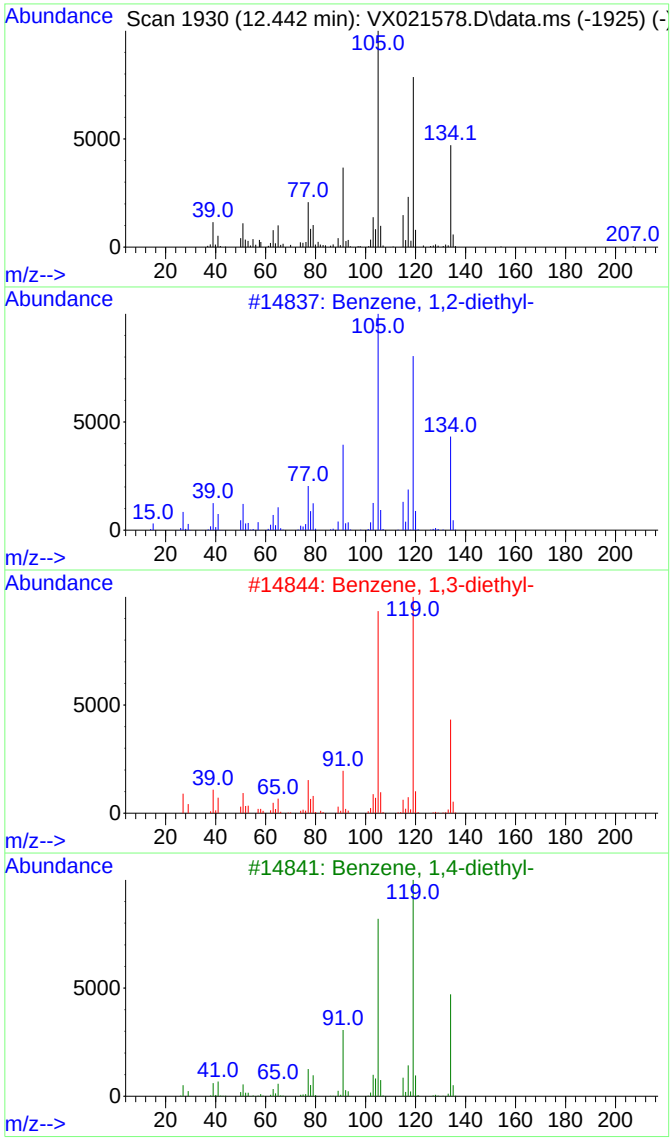
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

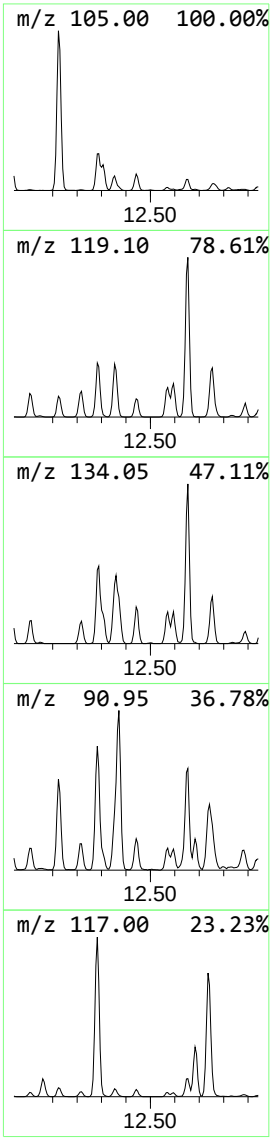
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.442	14.50 ug/l	96733	1,4-Dichlorobenzene-d4	12.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81
4	o-Cymene	134	C10H14	000527-84-4	68
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	62





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 : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FD-032321

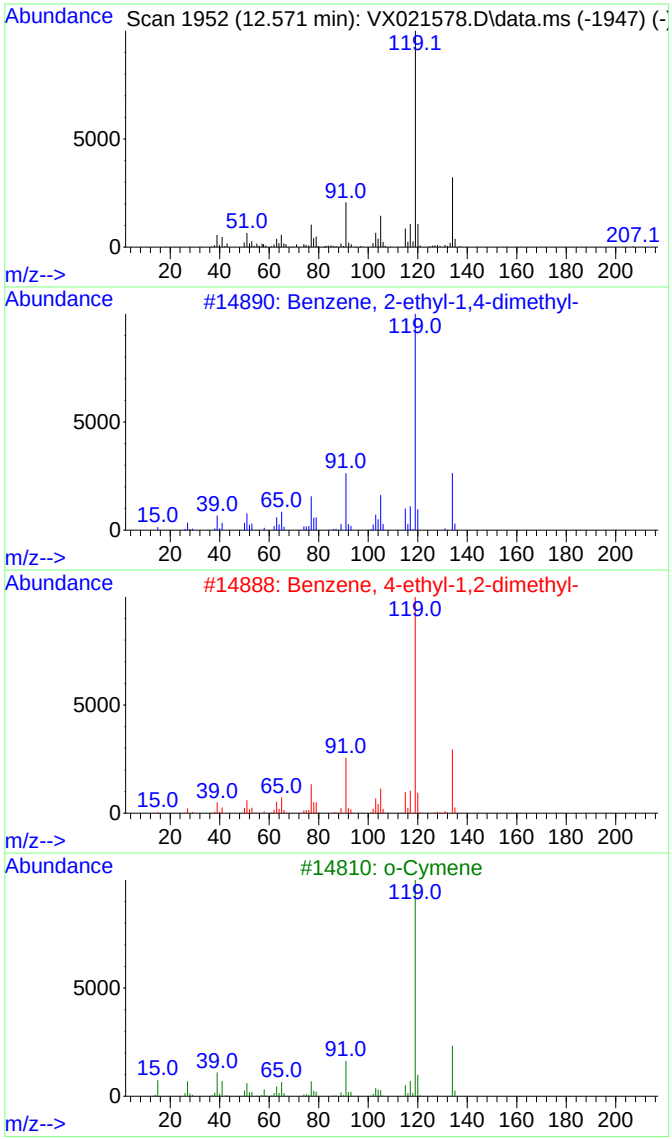
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

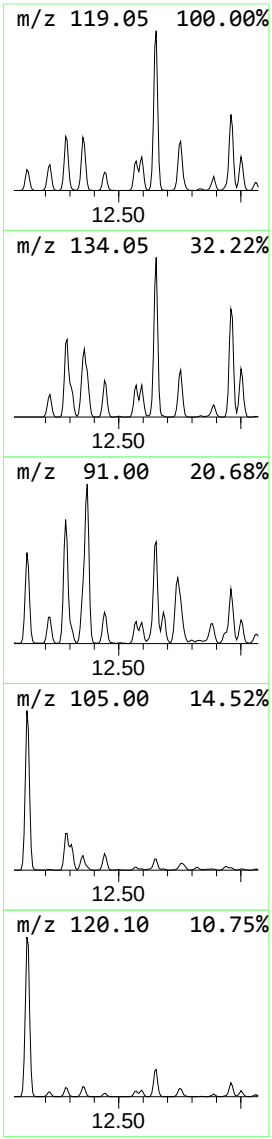
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.571	12.11 ug/l	80746	1,4-Dichlorobenzene-d4	12.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	p-Cymene	134	C10H14	000099-87-6	95





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Instrument :
MSVOA_X
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FD-032321

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

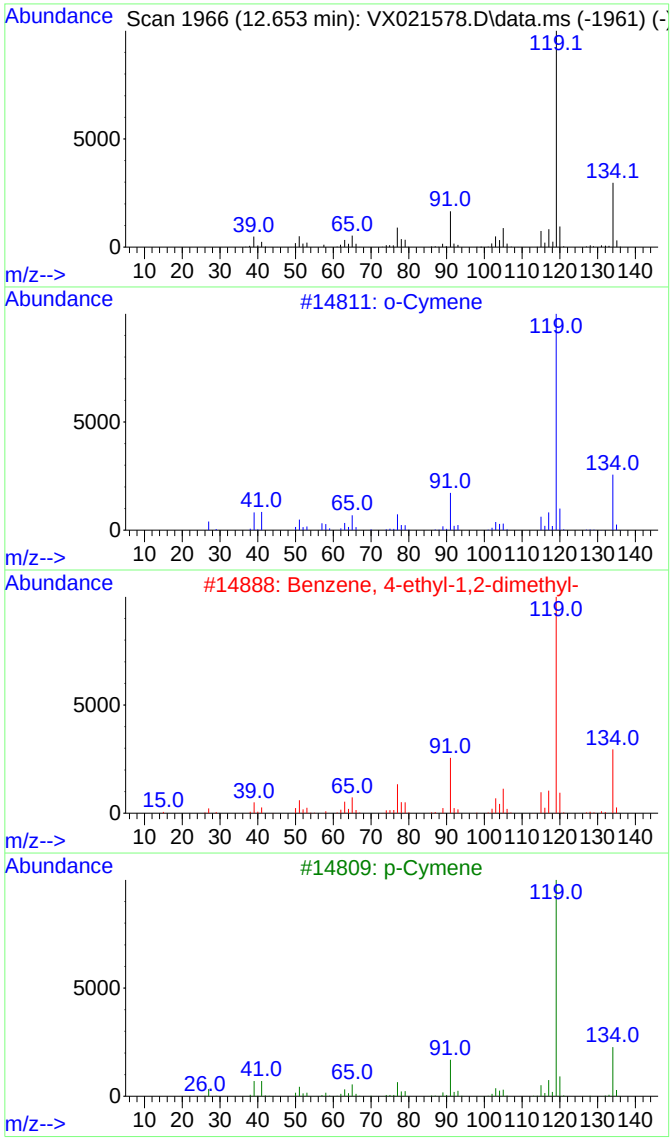
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

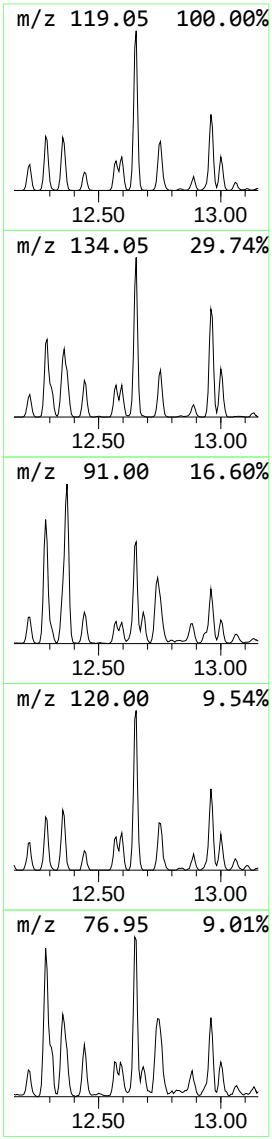
****

Peak Number 6 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.653	48.65 ug/l	324473	1,4-Dichlorobenzene-d4	12.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FD-032321

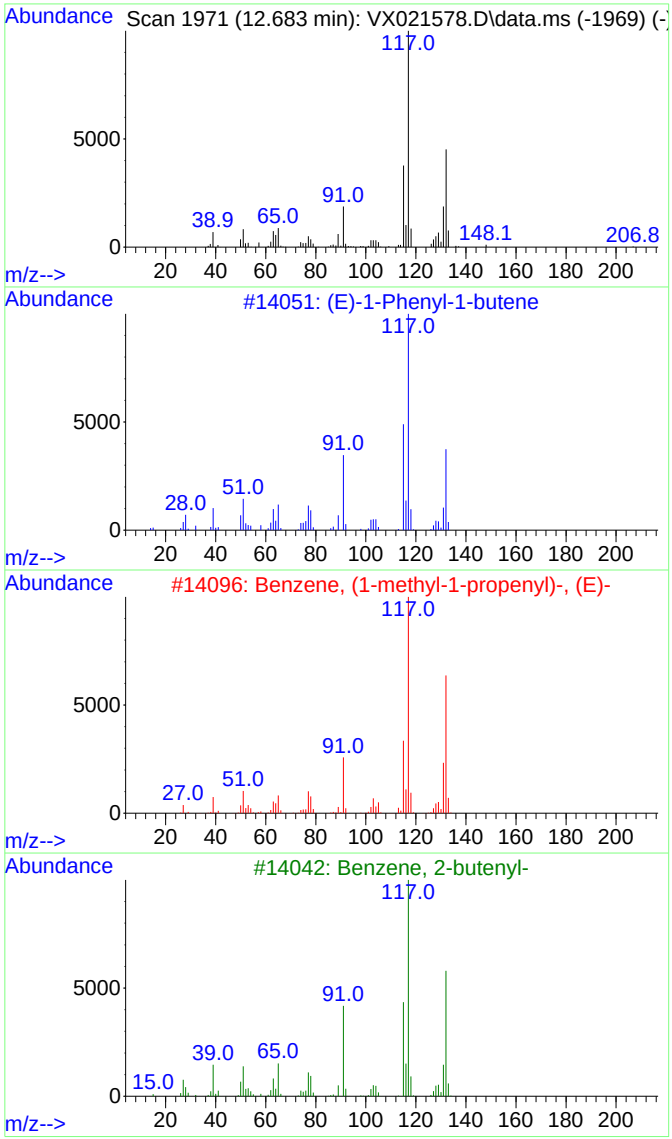
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

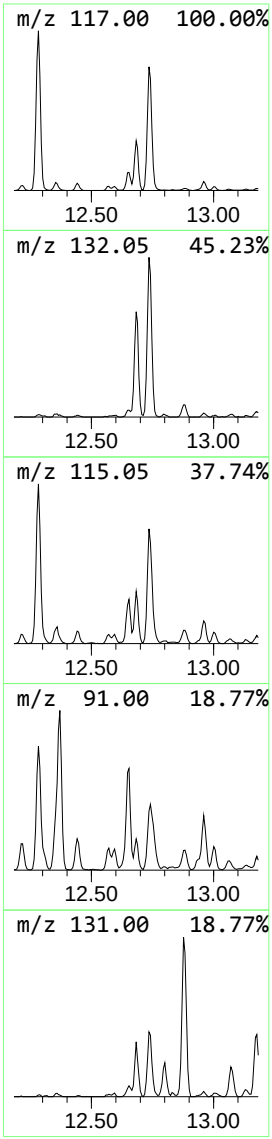
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (E)-1-Phenyl-1-butene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.683	14.49 ug/l	96665	1,4-Dichlorobenzene-d4	12.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	95
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	94
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	91
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021578.D
Acq On : 29 Mar 2021 15:39
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

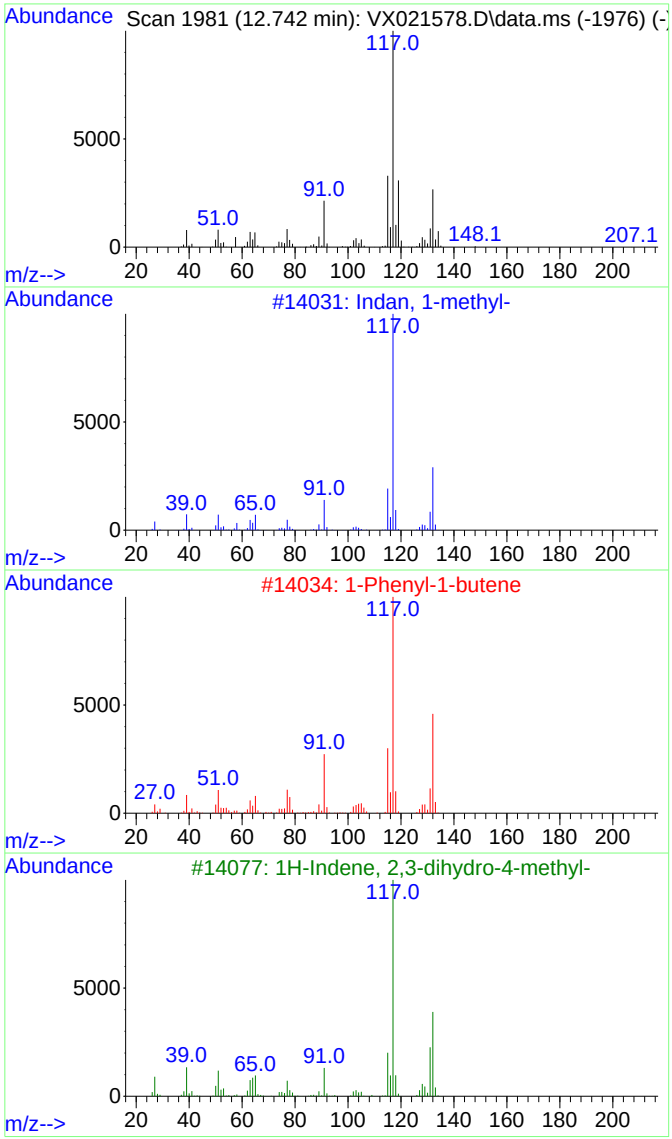
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

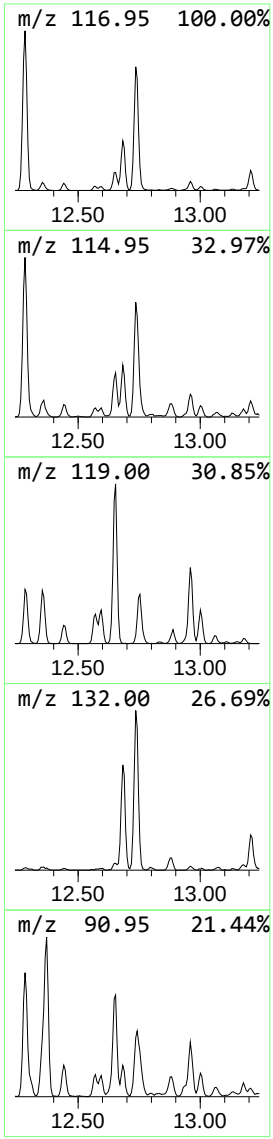
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Indan, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.742	50.26 ug/l	335255	1,4-Dichlorobenzene-d4	12.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83





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Data File : VX021578.D
Acq On : 29 Mar 2021 15:39
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

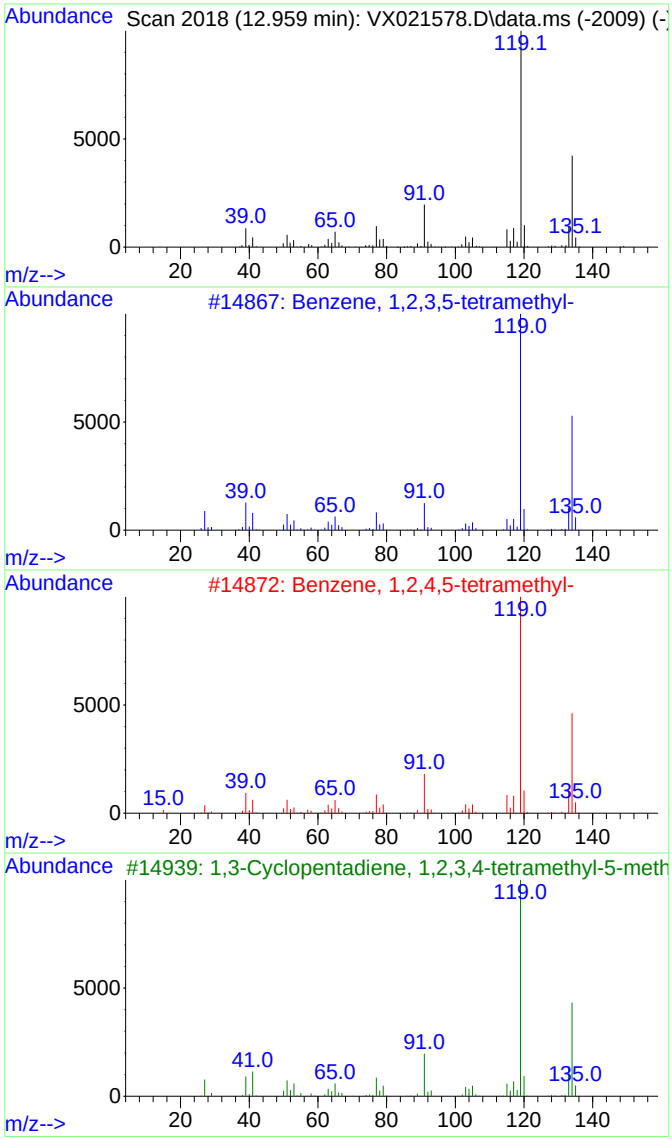
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

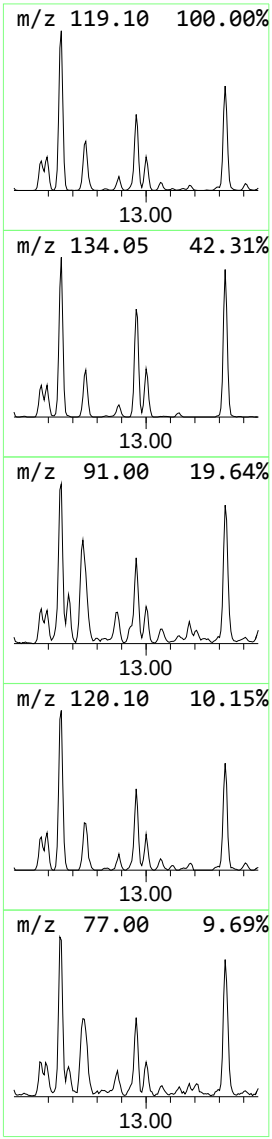
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.959	29.33 ug/l	195637	1,4-Dichlorobenzene-d4	12.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021578.D
Acq On : 29 Mar 2021 15:39
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

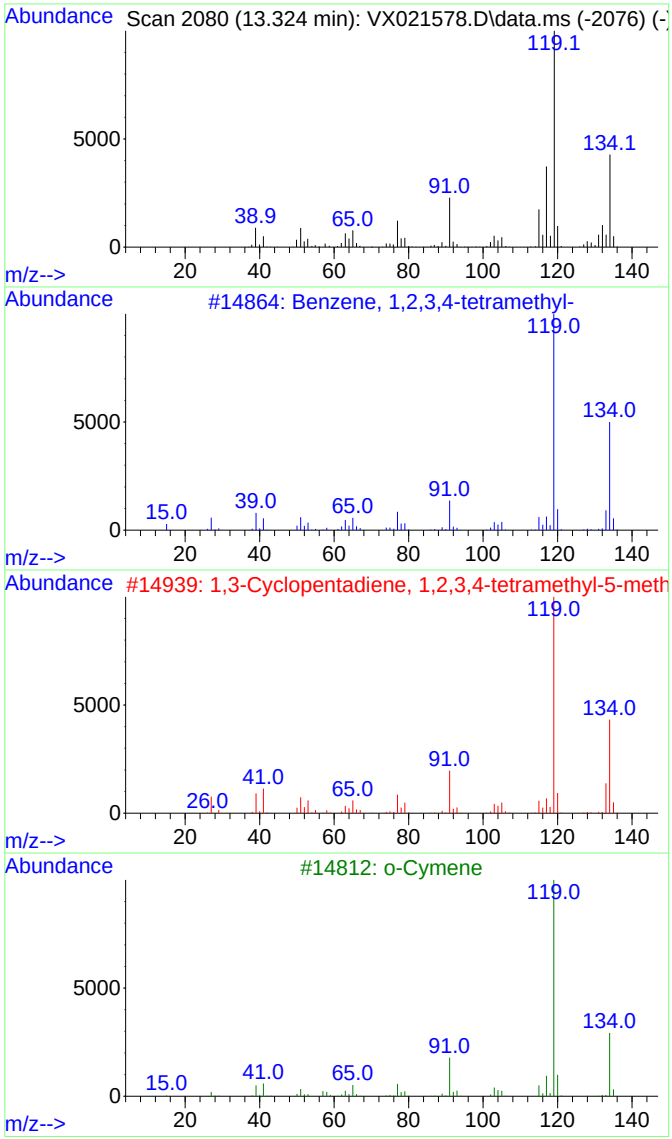
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260

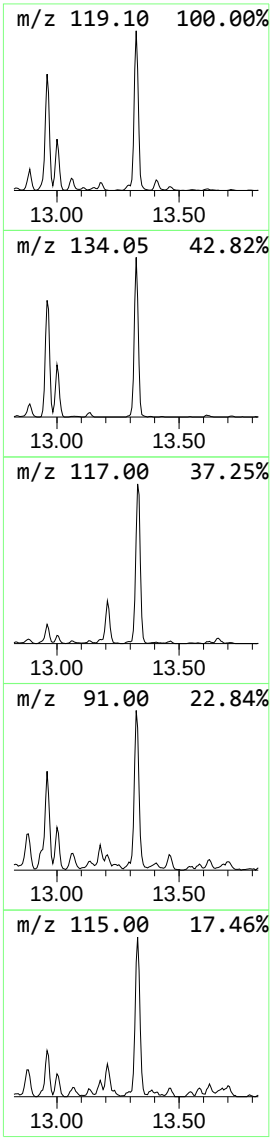
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.324	54.25 ug/l	361843	1,4-Dichlorobenzene-d4	12.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
3	o-Cymene	134	C10H14	000527-84-4	81
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
Data File : VX021578.D
Acq On : 29 Mar 2021 15:39
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	29.5	ug/l	196887	4	12.065	333503	50.0
Benzene, 1,2,3-...	12.124	71.9	ug/l	479419	4	12.065	333503	50.0
Benzene, 1-ethe...	12.283	79.0	ug/l	527221	4	12.065	333503	50.0
Benzene, 1,2-di...	12.442	14.5	ug/l	96733	4	12.065	333503	50.0
Benzene, 2-ethy...	12.571	12.1	ug/l	80746	4	12.065	333503	50.0
o-Cymene	12.653	48.6	ug/l	324473	4	12.065	333503	50.0
(E)-1-Phenyl-1-...	12.683	14.5	ug/l	96665	4	12.065	333503	50.0
Indan, 1-methyl-	12.742	50.3	ug/l	335255	4	12.065	333503	50.0
Benzene, 1,2,3,...	12.959	29.3	ug/l	195637	4	12.065	333503	50.0
Benzene, 1,2,3,...	13.324	54.3	ug/l	361843	4	12.065	333503	50.0