LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
Data File : VX027041.D
Acq On : 15 Feb 2022 20:02
Operator : JC/MD
Sample : N1541-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11

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\82X020822W.M
Title : SW846 8260

Signal : TIC: VX027041.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.374	44	47	57	rVB	420200	446355	4.39%	0.833%
2	3.111	322	332	348	rVB	138209	337134	3.31%	0.629%
3	4.489	547	558	587	rBV	695860	1900977	18.68%	3.547%
4	5.391	694	706	718	rBV	65977	192780	1.89%	0.360%
5	5.556	723	733	748	rVB	117886	333118	3.27%	0.622%
6	5.958	789	799	806	rBV	72835	195275	1.92%	0.364%
7	6.044	806	813	827	rVB	94990	251933	2.48%	0.470%
8	6.324	846	859	877	rVB	175022	496411	4.88%	0.926%
9	6.763	921	931	945	rBV	181968	433158	4.26%	0.808%
10	8.525	1214	1220	1227	rVB	109200	179336	1.76%	0.335%
11	8.653	1235	1241	1247	rBV	374914	581755	5.72%	1.085%
12	8.720	1247	1252	1259	rVB	332437	495801	4.87%	0.925%
13	10.055	1466	1471	1477	rVB	393466	516814	5.08%	0.964%
14	10.195	1487	1494	1500	rBV	800977	1037025	10.19%	1.935%
15	10.305	1503	1512	1518	rBV	1459728	2019812	19.85%	3.768%
16	10.592	1551	1559	1563	rBV3	55733	108974	1.07%	0.203%
17	10.640	1563	1567	1577	rVB	1575386	2144244	21.07%	4.001%
18	10.781	1587	1590	1594	rVB	87203	109061	1.07%	0.203%
19	10.854	1594	1602	1607	rBV3	85181	153594	1.51%	0.287%
20	10.963	1614	1620	1624	rBV	312627	387906	3.81%	0.724%
21	11.085	1634	1640	1644	rBV	363045	508228	4.99%	0.948%
22	11.305	1671	1676	1681	rBV	667327	807317	7.93%	1.506%
23	11.384	1683	1689	1696	rVV	2348621	4499076	44.21%	8.394%
24	11.457	1696	1701	1709	rVB	2356460	3042381	29.89%	5.676%
25	11.616	1721	1727	1734	rBV	2021145	2488975	24.46%	4.644%
26	11.719	1740	1744	1746	rBV	318819	413502	4.06%	0.771%
27	11.756	1746	1750	1759	rVB	7798594	10177181	100.00%	18.988%
28	11.866	1764	1768	1770	rBV	153748	180090	1.77%	0.336%
29	11.890	1770	1772	1777	rVB	246409	287797	2.83%	0.537%
30	11.975	1777	1786	1789	rBV	638960	835555	8.21%	1.559%
31	12.018	1789	1793	1799	rVB2	584656	918349	9.02%	1.713%
32	12.091	1799	1805	1812	rVB	3874179	4800478	47.17%	8.956%
33	12.177	1815	1819	1825	rVB	194507	242867	2.39%	0.453%
34	12.250	1825	1831	1833	rBV2	976315	1441361	14.16%	2.689%
35	12.317	1838	1842	1850	rVB3	1012353	1594714	15.67%	2.975%
36	12.408	1850	1857	1862	rBV	311249	400108	3.93%	0.746%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
Data File : VX027041.D
Acq On : 15 Feb 2022 20:02
Operator : JC/MD
Sample : N1541-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11

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\82X020822W.M
Title : SW846 8260

37	12.463	1862	1866	1872	rVB	657050	773031	7.60%	1.442%
38	12.530	1872	1877	1879	rBV	668130	857012	8.42%	1.599%
39	12.555	1879	1881	1886	rVV	860785	989694	9.72%	1.847%
40	12.616	1887	1891	1894	rVV	826936	971105	9.54%	1.812%
41	12.646	1894	1896	1901	rVB	151614	169595	1.67%	0.316%
42	12.713	1901	1907	1913	rBV3	341709	760320	7.47%	1.419%
43	12.799	1917	1921	1924	rVV2	92902	122790	1.21%	0.229%
44	12.847	1924	1929	1934	rVB2	412830	568057	5.58%	1.060%
45	12.920	1934	1941	1945	rBV	469789	656161	6.45%	1.224%
46	12.963	1945	1948	1954	rVB	673786	795703	7.82%	1.485%
47	13.024	1954	1958	1964	rBV3	84556	153979	1.51%	0.287%
48	13.286	1998	2001	2007	rVB2	343146	490894	4.82%	0.916%
49	13.420	2019	2023	2029	rVB	228565	295958	2.91%	0.552%
50	13.774	2075	2081	2087	rVB	824856	1034143	10.16%	1.929%

Sum of corrected areas: 53597884

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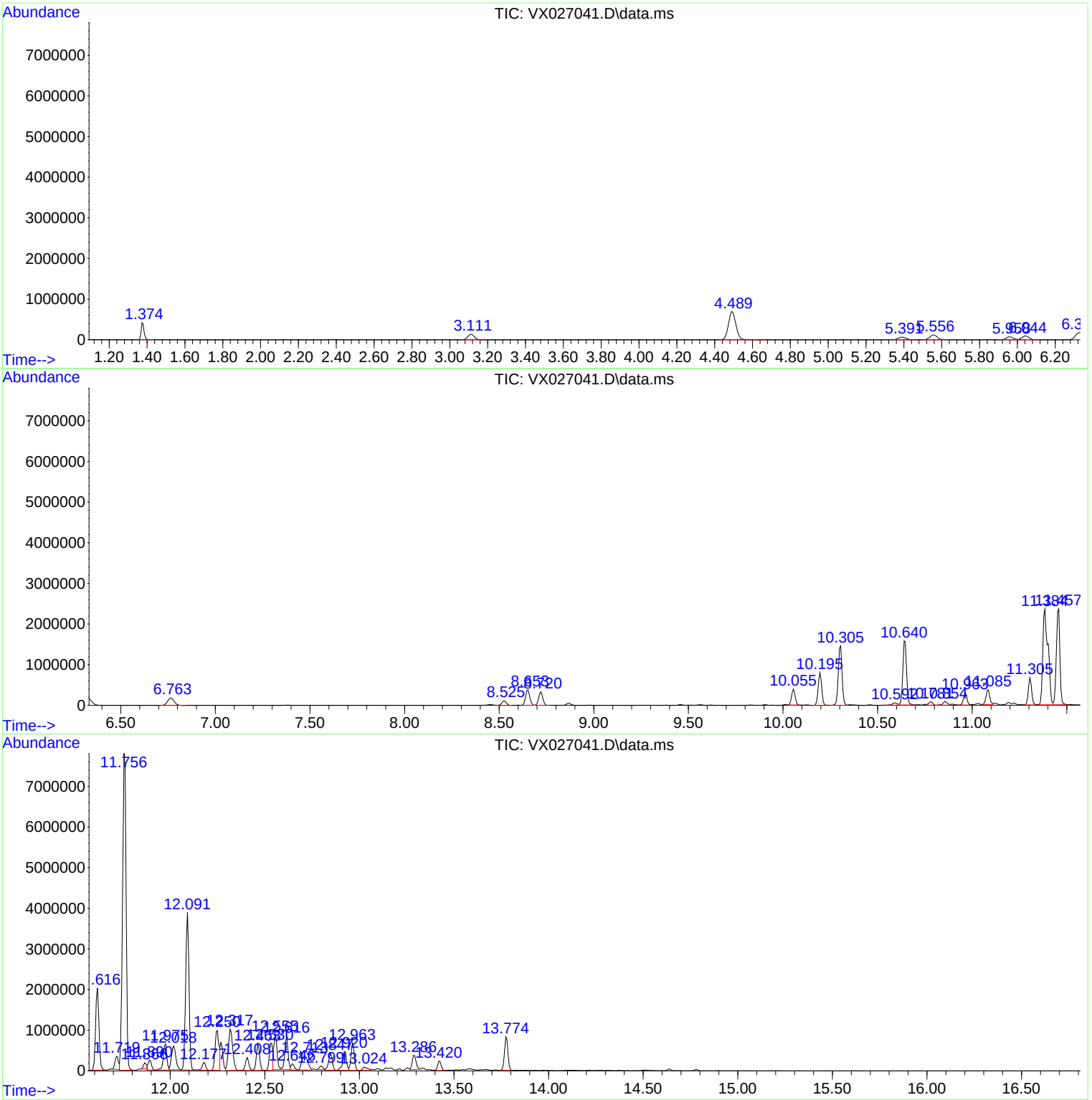
Sample : N1541-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
Data File : VX027041.D
Acq On : 15 Feb 2022 20:02
Operator : JC/MD
Sample : N1541-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11

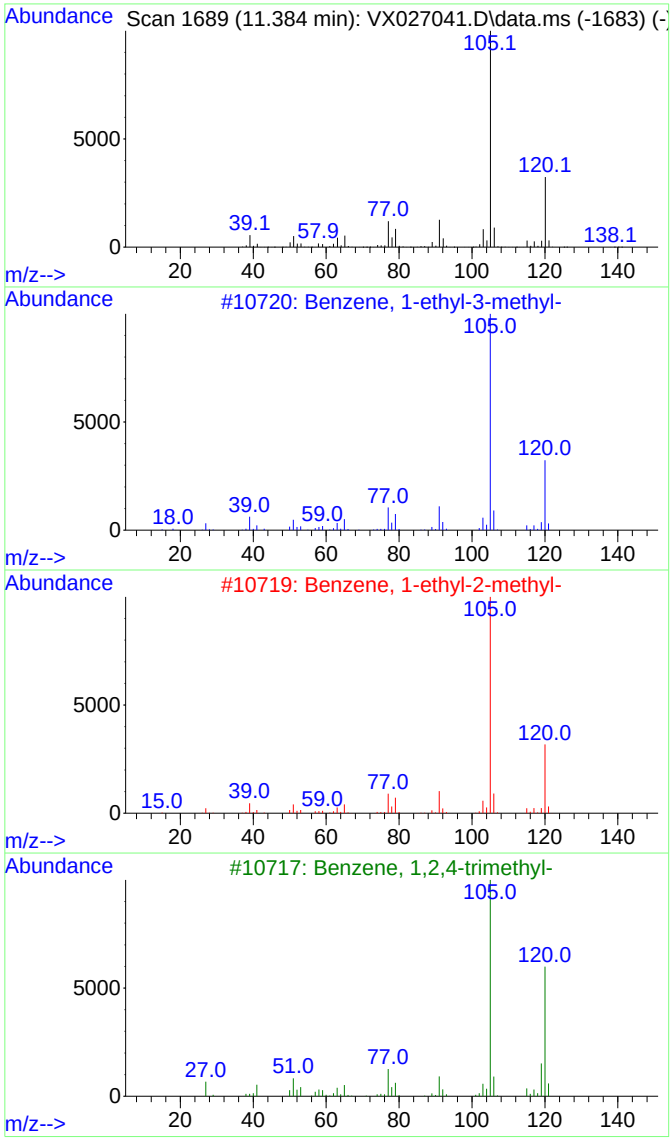
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

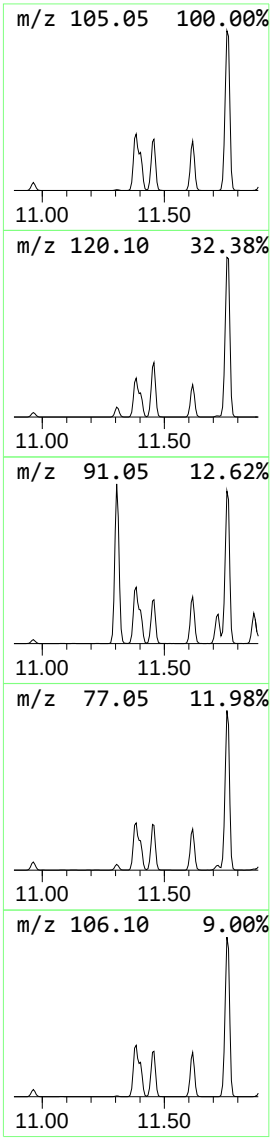
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.384	244.96 ug/l	4499080	1,4-Dichlorobenzene-d4	12.024

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
Data File : VX027041.D
Acq On : 15 Feb 2022 20:02
Operator : JC/MD
Sample : N1541-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11

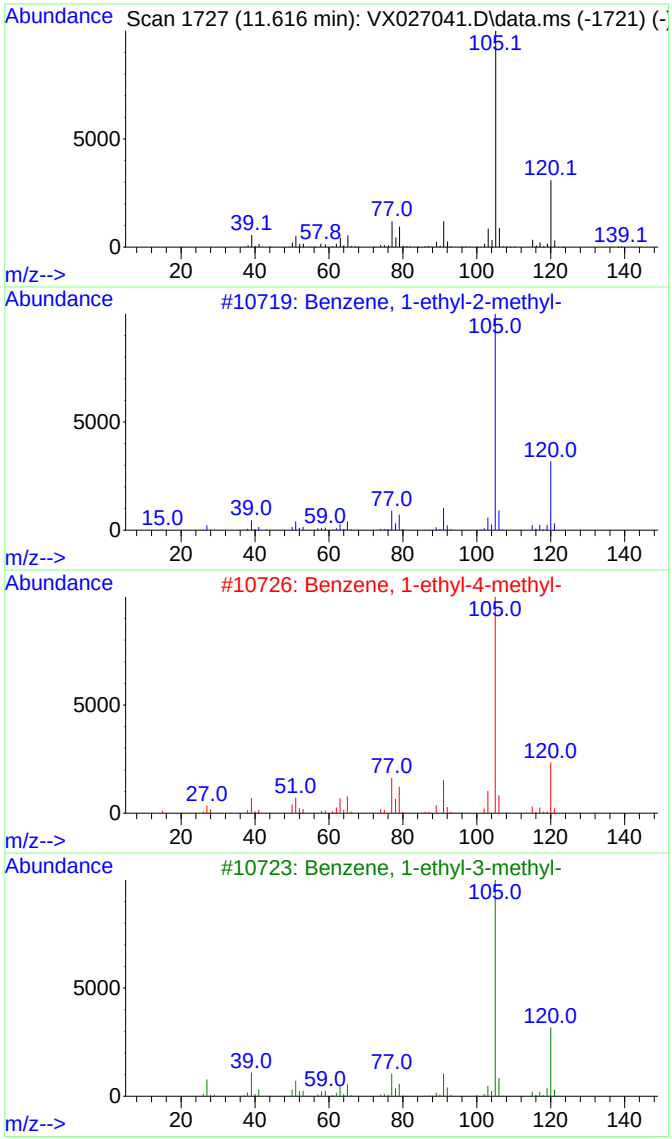
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

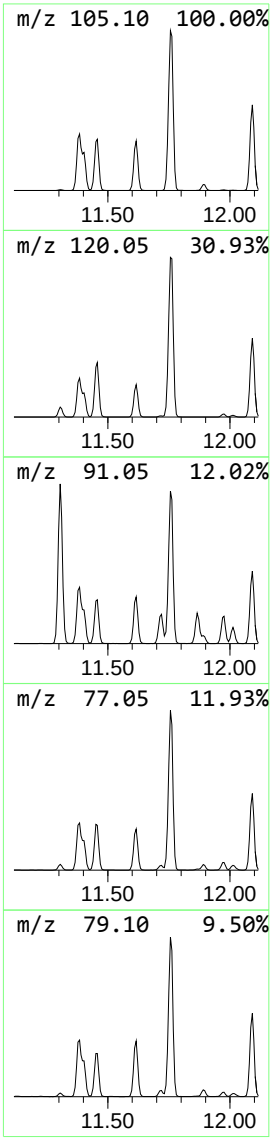
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	135.51 ug/l	2488980	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	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
Data File : VX027041.D
Acq On : 15 Feb 2022 20:02
Operator : JC/MD
Sample : N1541-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11

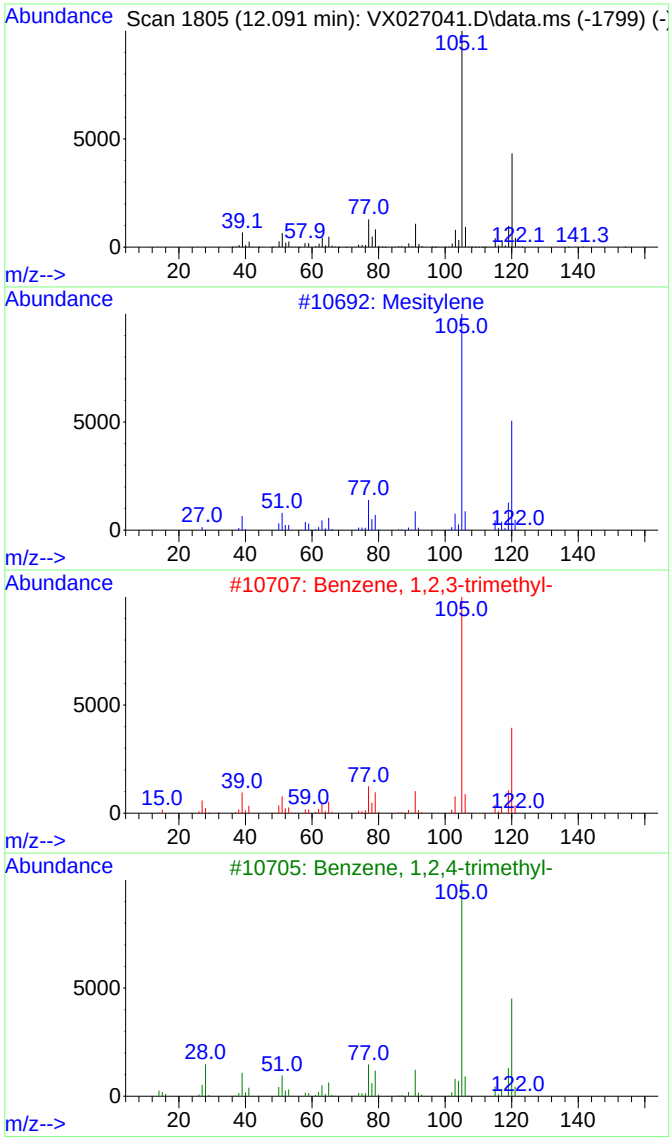
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

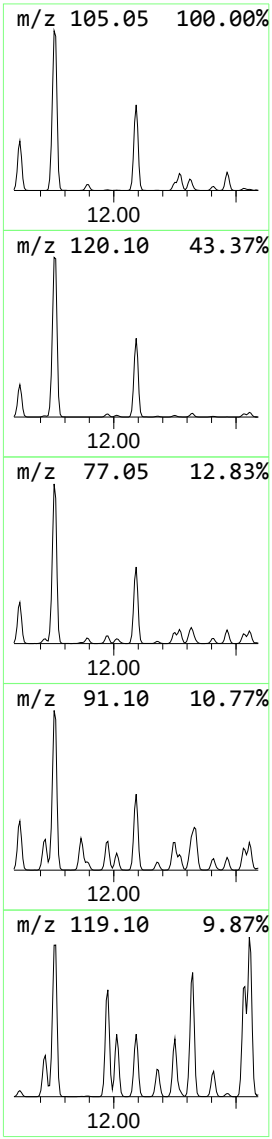
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.091	261.37 ug/l	4800480	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
Data File : VX027041.D
Acq On : 15 Feb 2022 20:02
Operator : JC/MD
Sample : N1541-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11

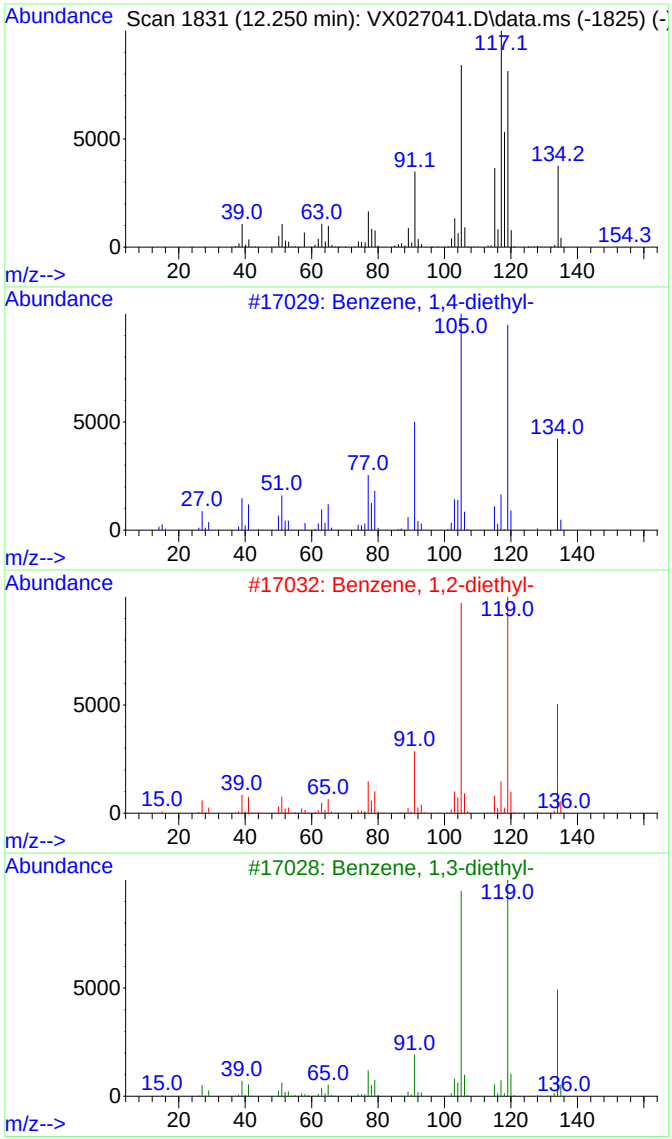
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

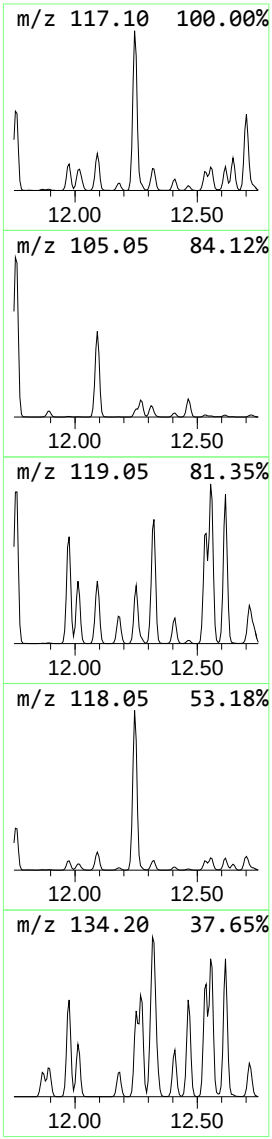
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	78.48 ug/l	1441360	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	70
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	55
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	50
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	46
5	Deltacyclene	118	C9H10	007785-10-6	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
Data File : VX027041.D
Acq On : 15 Feb 2022 20:02
Operator : JC/MD
Sample : N1541-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11

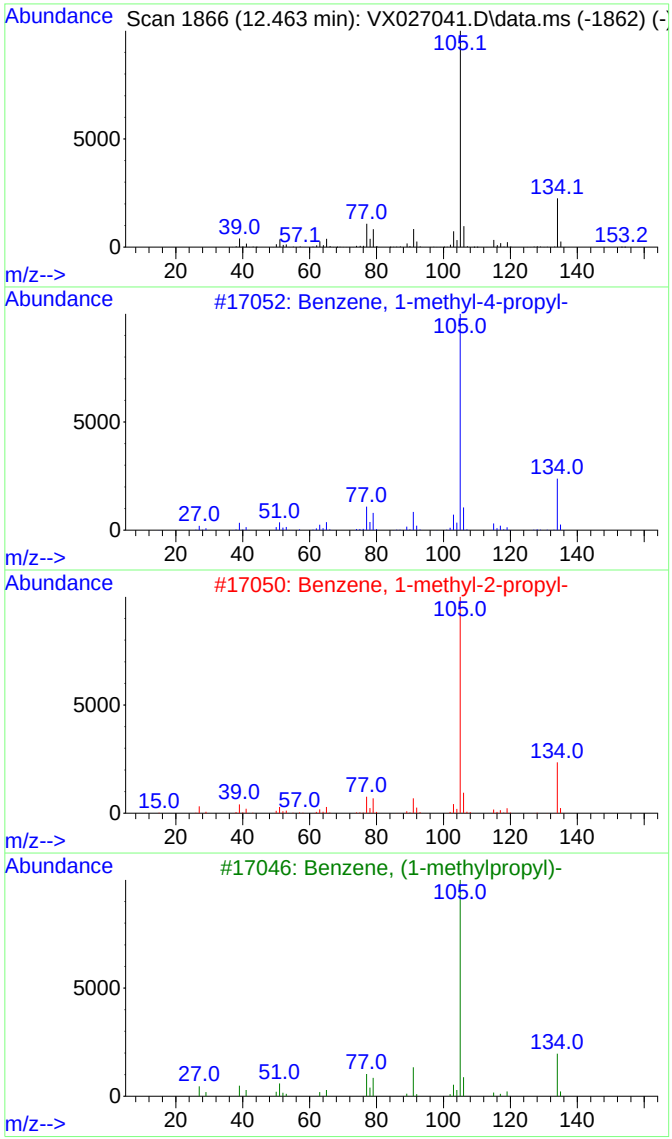
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

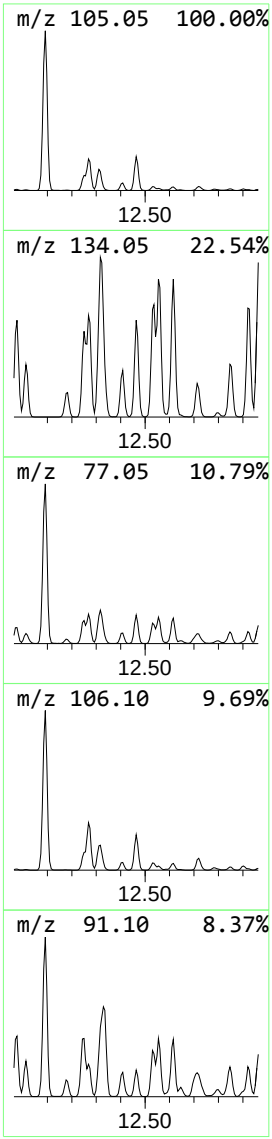
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-methyl-4-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	42.09 ug/l	773031	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11

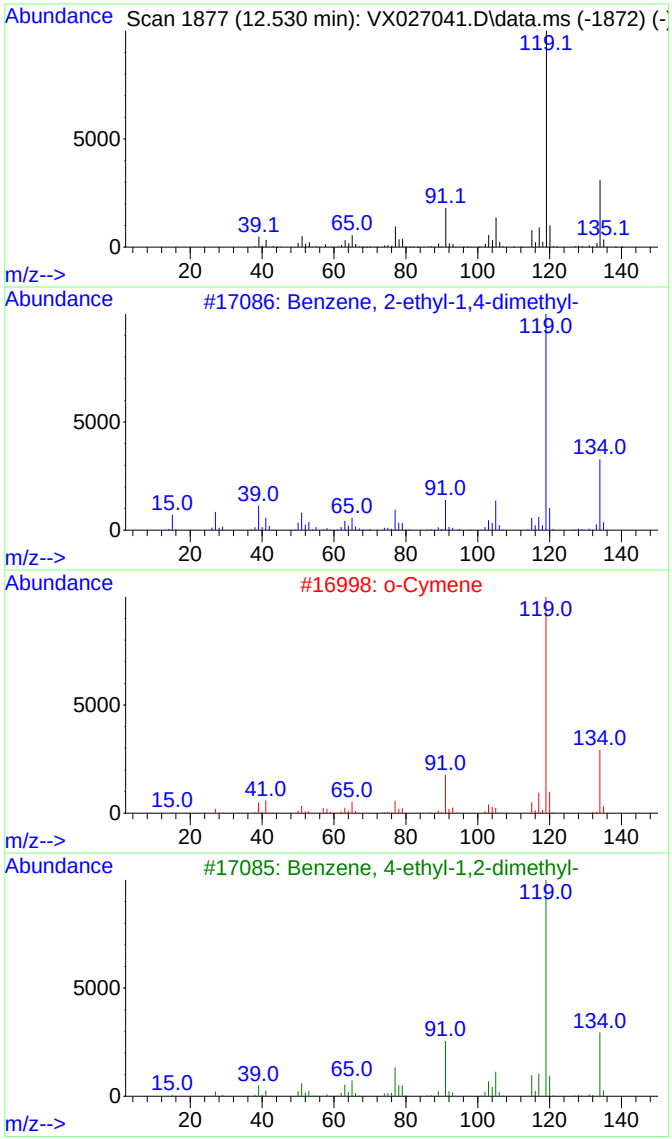
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

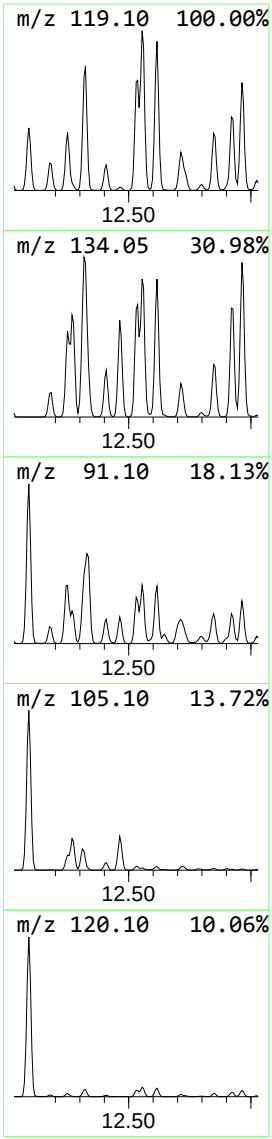
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.530	46.66 ug/l	857012	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	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, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
Data File : VX027041.D
Acq On : 15 Feb 2022 20:02
Operator : JC/MD
Sample : N1541-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11

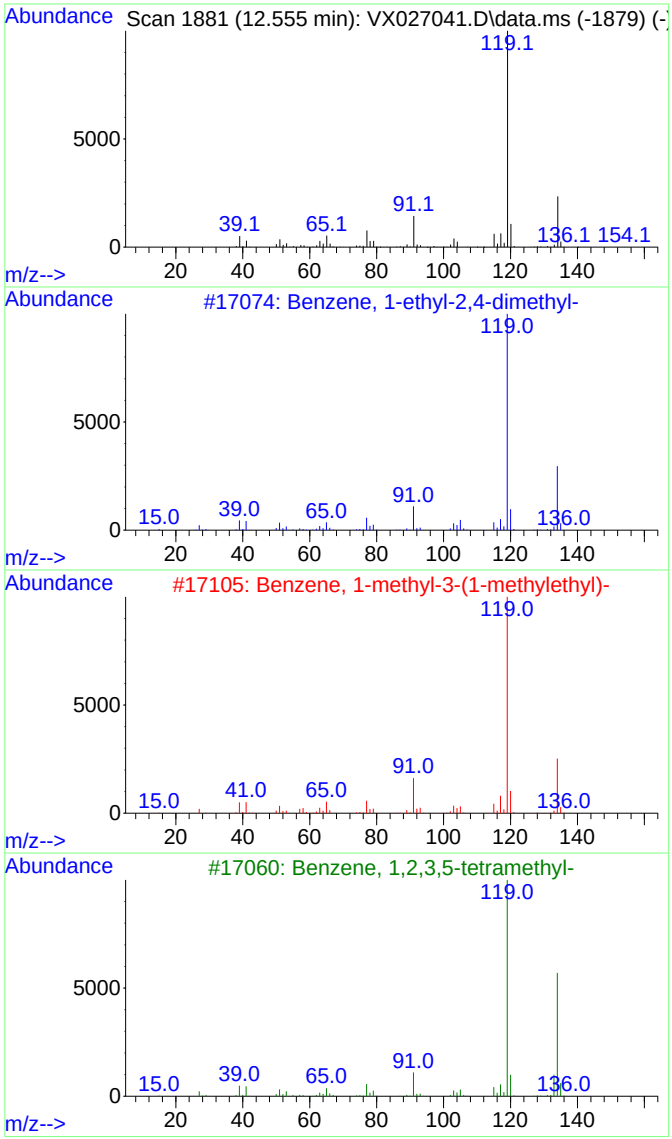
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

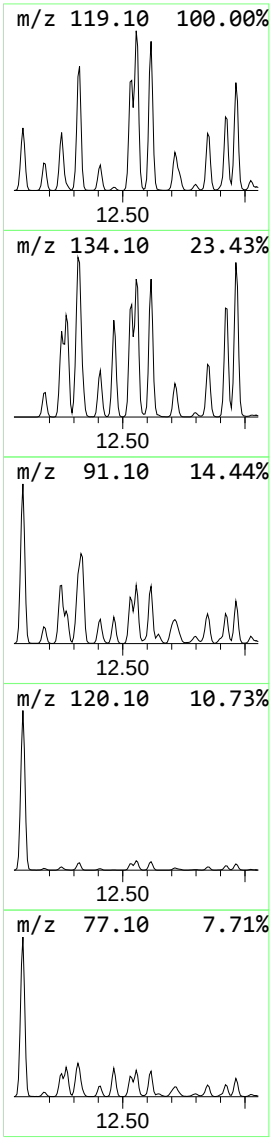
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.555	53.88 ug/l	989694	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
Data File : VX027041.D
Acq On : 15 Feb 2022 20:02
Operator : JC/MD
Sample : N1541-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

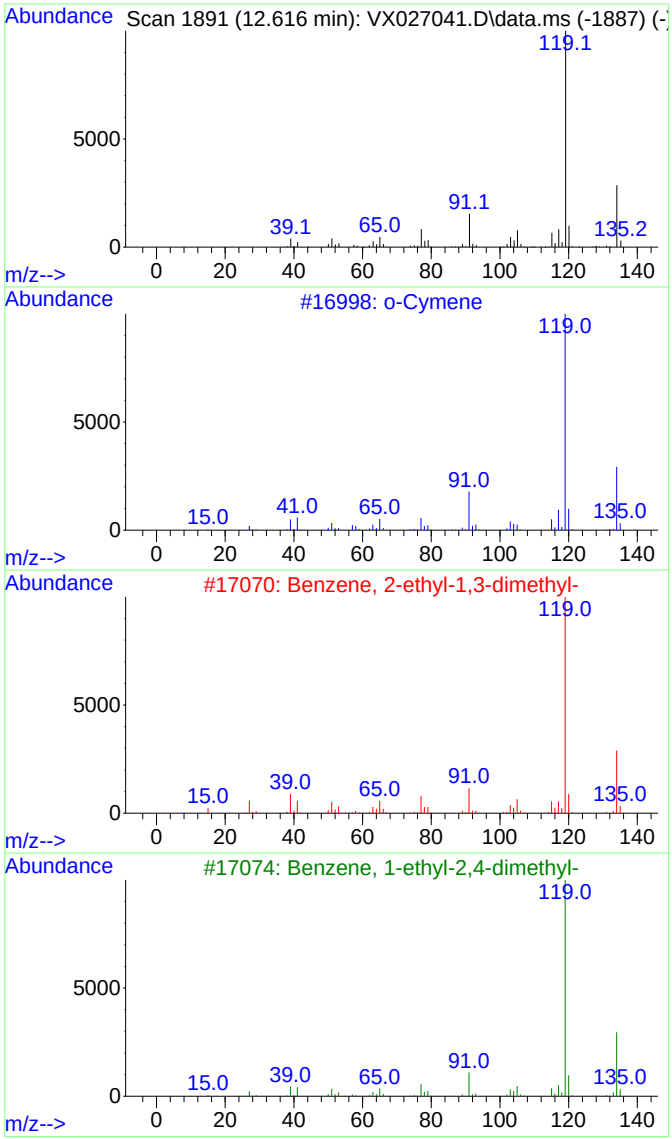
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

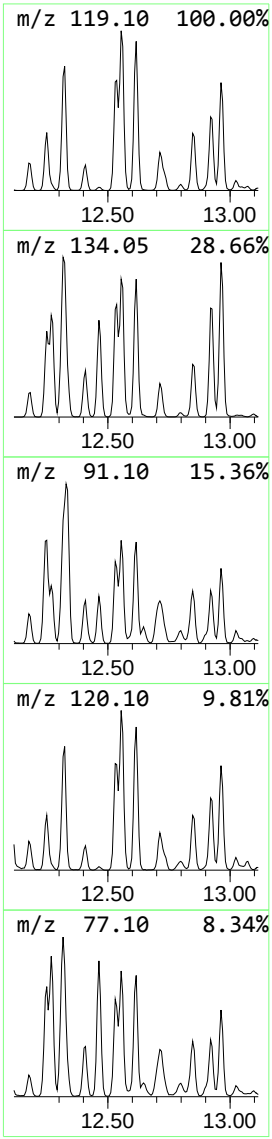
****

Peak Number 8 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	52.87 ug/l	971105	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
Data File : VX027041.D
Acq On : 15 Feb 2022 20:02
Operator : JC/MD
Sample : N1541-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11

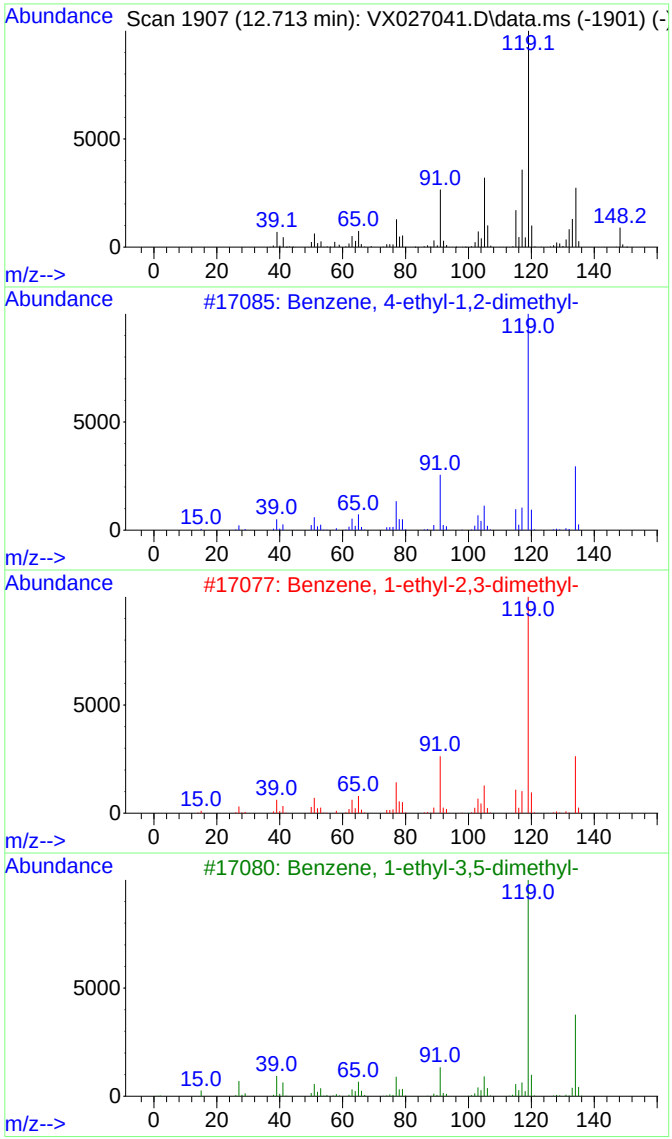
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

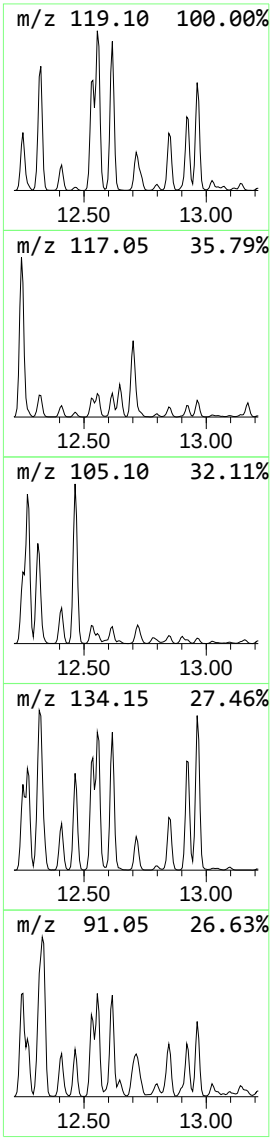
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.713	41.40 ug/l	760320	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
Data File : VX027041.D
Acq On : 15 Feb 2022 20:02
Operator : JC/MD
Sample : N1541-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11

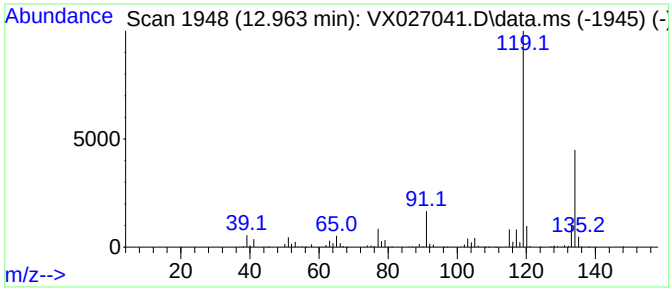
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260

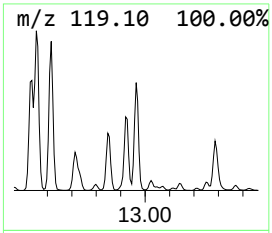
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

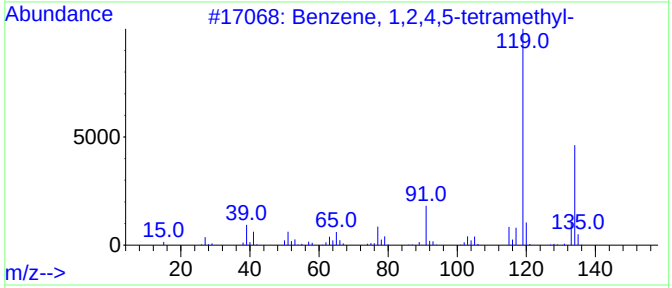
****
Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

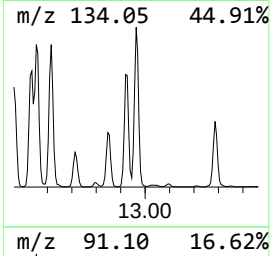
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	43.32 ug/l	795703	1,4-Dichlorobenzene-d4	12.024

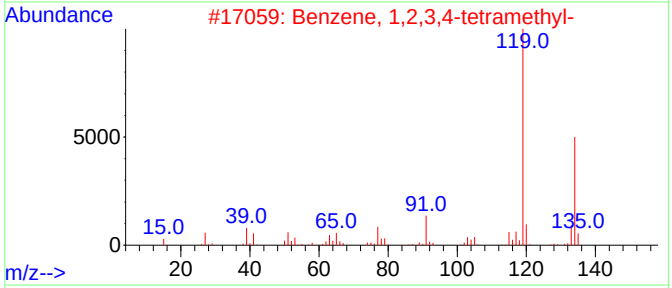
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94

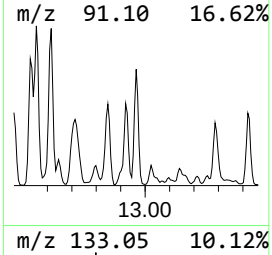


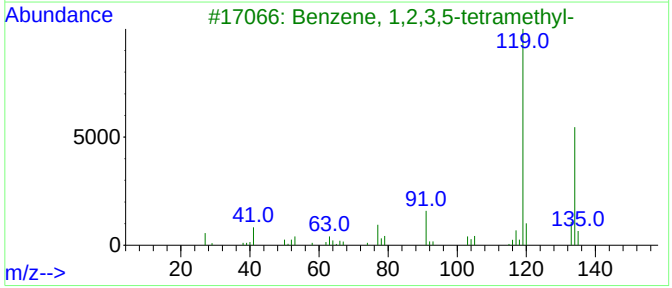


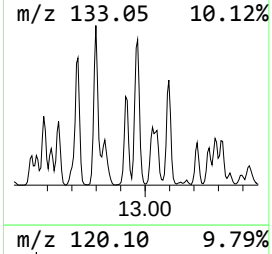


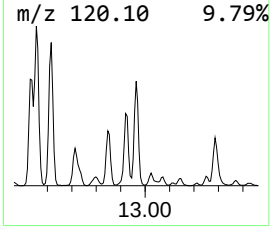












Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
Data File : VX027041.D
Acq On : 15 Feb 2022 20:02
Operator : JC/MD
Sample : N1541-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.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...	11.384	245.0	ug/l	4499080	4	12.024	918349	50.0
Benzene, 1-ethy...	11.616	135.5	ug/l	2488980	4	12.024	918349	50.0
Benzene, 1,2,3-...	12.091	261.4	ug/l	4800480	4	12.024	918349	50.0
Benzene, 1,4-di...	12.250	78.5	ug/l	1441360	4	12.024	918349	50.0
Benzene, 1-meth...	12.463	42.1	ug/l	773031	4	12.024	918349	50.0
Benzene, 2-ethy...	12.530	46.7	ug/l	857012	4	12.024	918349	50.0
Benzene, 1-ethy...	12.555	53.9	ug/l	989694	4	12.024	918349	50.0
o-Cymene	12.616	52.9	ug/l	971105	4	12.024	918349	50.0
Benzene, 4-ethy...	12.713	41.4	ug/l	760320	4	12.024	918349	50.0
Benzene, 1,2,4,...	12.963	43.3	ug/l	795703	4	12.024	918349	50.0